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AGMG 1580 — Cooperative Education
Agricultural Business & Management, General
Frank Phillips College

General Course Information

Credit Hours: 5

Prerequisite

Instructor's Approval

Course Description

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. *Includes a lecture component.

THECB Approval Number01.0101.0000

Learning Outcomes

As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

Upon successful completion of this course, students will be able to:

1. Attain occupational experience in a specialized field in the agriculture industry.
2. Perform task and duties associated with the specialized occupation
3. Attain skills to become successful in the workplace.
4. Evaluation of performance.

Methods of Evaluation

Students will be evaluated by the instructor and the workplace supervisor. Evaluation will be based on the student's ability to complete the internship objective, and workplace requirements.

Academic Honesty and Integrity

Students attending Frank Phillips College are expected to maintain high standards of personal and scholarly conduct. Academic dishonesty including, but not limited to, cheating, collusion (working with anyone else to produce work for which you take credit without the professor's permission), utilizing resources such as books and notes for a test

without the professor's permission, and plagiarism is considered a serious offense and may result in disciplinary actions including:

- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class in accordance with requirements of the course as established by the instructor.

Students will be excused from class without penalty when either representing the college in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor of the course. These exceptions do not relieve the student of the responsibility of making up the missed work as designated by the instructor concerned.

Students who enroll in one or more college-preparatory course(s) because of TSI deficiency will be administratively withdrawn from all classes if the course in which they are excessively absent is their only preparatory course. For a student enrolled in more than one preparatory course, the student may be dropped from only the course affected by absences.

Any student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day, provided that proper notification of the absence is given to the instructor of the course missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

Cell Phones and Other Electronic Devices Procedure:

Cell phones and electronic devices in the classroom create a distraction for both students and faculty. Cell phones are also considered suspicious during test taking. Therefore, Frank Phillips College outlines the procedure for handling cell phone usage in a classroom as follows:

1. First Offense: the student will be warned verbally by the instructor to turn off the cell phone or electronic device or by appropriate administrative personnel at distance sites. The instructor will make a notation of the infraction.
2. Second Offense: the student will be asked to leave the class period for the day and will receive zeros for any work done in class on that day; a student receiving instruction through remote connection at an off-campus site will be required to attend the class face to face in Borger from this class date forward.
3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Academic Policies section of the Frank Phillips College Catalogue. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

Important Information

Frank Phillips College is a Microsoft Office Campus. You must submit your electronic assignments in Microsoft Office programs only. If you do not have Microsoft Office, you may use one of the computer lab sites on campus for your class work.

Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

AGRI 2321 — Livestock Business Management

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Instruction in contracts, leases, laws and regulations, estate planning, and applications of personnel and management principles. Study of contract terms related to livestock and real estate; explain laws and regulations pertaining to the livestock industry; illustrate the importance of estate planning; and compare the personnel and management techniques employed in the livestock industry.

THECB Approval Number01.0101.0000

Learning Outcomes

Upon successful completion of this course, students will:

1. Define terms associated with livestock business management.
2. Describe and construct contracts associated with the livestock business.
3. Construct livestock enterprise budgets.
4. Describe and perform investment analysis.
5. Describe cost concepts, budget performance, and profitability of various livestock enterprises.
6. Describe and construct lease arrangements, record keeping system, and financial statements.

Methods of Evaluation

Exams, Participation, Attitude, Engagement, Attendance, Pertinent Assignments

Category	Points
Assignments (10)	500 points
Exam I	100 points
Exam II	100 points
Exam III	100 points
Final Exam	100 points
Total	900 points
Grading System	Grade
810-900 points	A
720-809 points	B
630-719 points	C
540-629 points	D
0-539 points	F

Academic Honesty and Integrity

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- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class in accordance with requirements of the course as established by the instructor.

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- instruction through remote connection at an off-campus site will be required to attend the class face to face in Borger from this class date forward.
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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

Important Information

Frank Phillips College is a Microsoft Office Campus. You must submit your electronic assignments in Microsoft Office programs only. If you do not have Microsoft Office, you may use one of the computer lab sites on campus for your class work.

Frank Phillips College
AGRI 1325 Market of Agriculture Products

I. General Course Information

Brad Johnson, Spring 2013

Course Number: AGRI 1325

Course Title: Market of Agriculture Products

Credit Hours: 3

Recommended Prerequisite: None

Course Description: An introductory course of operations in movement of agriculture commodities from the producer to consumer. Essential marketing functions of buying, selling, transporting, storing, financing, standardizing, pricing and risk bearing.

A series of basic intellectual competencies--reading, writing, speaking, listening, critical thinking, and computer literacy--are essential to the learning process in any discipline and thus should inform any core curriculum. Although students can be expected to come to college with some experience in exercising these competencies, they often need further instruction and practice to meet college standards and, later, to succeed in both their major field of academic study and their chosen career or profession. This course will further develop the following basic intellectual competencies:

READING: Reading at the college level means the ability to analyze and interpret a variety of printed materials--books, articles, and documents. A core curriculum should offer students the opportunity to master both general methods of analyzing printed materials and specific methods for analyzing the subject matter of individual disciplines.

WRITING: Competency in writing is the ability to produce clear, correct, and coherent prose adapted to purpose, occasion, and audience. Although correct grammar, spelling, and punctuation are each a sine qua non in any composition, they do not automatically ensure that the composition itself makes sense or that the writer has much of anything to say. Students need to be familiar with the writing process including how to discover a topic and how to develop and organize it, how to phrase it effectively for their audience. These abilities can be acquired only through practice and reflection.

SPEAKING: Competence in speaking is the ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience. Developing this competency includes acquiring poise and developing control of the language through experience in making presentations to small groups, to large groups, and through the media.

LISTENING: Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

CRITICAL THINKING: Critical thinking embraces methods for applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies. Problem solving is one of the applications of critical thinking, used to address an identified task.

COMPUTER LITERACY: Computer literacy at the college level means the ability to use computer-based technology in communicating, solving problems, and acquiring information. Core-educated students should have an understanding of the limits, problems, and possibilities associated with the use of technology, and should have the tools necessary to evaluate and learn new technologies as they become available.

II. Objectives/Terminal Objectives

All Frank Phillips College courses work together to meet the following objectives:

1. Establish broad and multiple perspectives on the individual in relationship to the larger society and world in which he or she lives, and to understand the responsibilities of living in a culturally and ethnically diverse world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be a responsible member of society;
3. Recognize the importance of maintaining health and wellness;
4. Develop a capacity to use knowledge of how technology and science affect their lives;
5. Develop personal values for ethical behavior;
6. Develop the ability to make aesthetic judgments;
7. Use logical reasoning in problem solving; and
8. Integrate knowledge and understand the interrelationships of scholarly disciplines.

In addition, the following objectives that are specific to Market of Agriculture Products will be met:

III. Course Objectives

1. Understand the function and purpose of Agricultural Marketing.
2. Explore the factors, trends, and other concepts that shape the current structure and operation of the Agricultural Marketing System.
3. Evaluate how all aspects of the Agricultural Marketing System are interrelated.
4. Understand the economic forces of the Agricultural Food Chain.
5. Understand government relationship on food marketing.
6. Effectively assess the marketing environment to develop and implement strategies for achieving marketing objectives.

IV. Textbook and Other Required Materials

The Agricultural Marketing System V. James Rhodes, Jan L. Dauve, Joseph L. Parcell.
6th Edition

V. Classroom Policy and Instructor Expectations

Students are expected to conduct themselves in a way such as to enhance the learning of all students in the class, participate in classroom discussion, turn in assignments on time, refrain from the use of tobacco products in the building and be prompt to class.

VI. Additional/Supplemental References

Handouts will be made available throughout the semester for the students.

VII. Methods of Evaluation

Exams will count for 70% of student's grade and assignments will count for 30% of student's grade.

Grading System:

90% to 100%	A
80% to 89%	B
70 to 79%	C
60 to 69%	D
59% and Below	F

VIII. Attendance Requirements

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class.

Students will be excused from class without penalty when either representing the College in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor, and these exceptions do not relieve the student of the responsibility of making up the missed work as designated. Excused absences must be documented. Students are expected to make every effort to document excused absences prior to the class period missed. **If not approved beforehand, the instructor must be presented documentation within 72 hours after missing a class period in order for the absence to be excused.** Students with unexcused absences will not be allowed to make up any work missed during class.

IX. Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interprets & Communicates Information

Interpersonal:

Teaches Others

Negotiates to Arrive at a Decision
Systems:
 Understands Systems
 Improves & Designs Systems
Technology:
 Applies Technology
Basic Skills:
 Reading
 Writing
 Arithmetic
 Mathematics
 Listening
 Speaking
Thinking Skills:
 Creative Thinking
 Decision Making
 Problem Solving
 Reasoning
Personal Qualities:
 Responsibility
 Sociability
 Self-Management
 Integrity/Honesty

X. Next Recommended Course in Sequence—N/A

XI. Correlation to Stated Mission Goals of Frank Phillips College

- A. Provide general college academic course for students who plan to enter senior colleges and universities with junior standing.
- B. Provide a classroom setting that is conducive to learning.
- C. Provide, assist, and promote the use of learning resources.
- D. Participate in and contribute to the democratic society in which we live.
- E. Acquire skills, facts, values, and attitudes necessary to function and contribute to our society.

XII. Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Frank Phillips College Catalogue on pages 45 and 46. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

XIII. Instructor's Contact Information and Office Hours

Attention: Disabled Students; please see me after class or during office hours if you have a disability that requires special accommodations

Brad Johnson

Office: AGS-9

Office phone: 806-457-4200 ext. 169

E-mail: bjohnson@fpctx.edu

Office Hours: Posted on office door and student portal

AGRI 1407 — Agronomy

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

N/A

Course Description

Fundamentals underlying the development, production, and management of field crops. Includes classification and distribution of crops and some application of plant morphology, physiology, nutrition, and genetics to farm practices. Includes control of diseases, weeds, and insects.

THECB Approval Number01.1102.51.01

Learning Outcomes

Upon successful completion of this course, students will:

1. Describe the development and importance of crop production in the United States.
2. Define and apply crop terminology.
3. Identify, describe, and summarize environmental factors that affect crop production.
4. Differentiate different methods of crop improvement.
5. Describe and summarize plant functions that affect production.
6. Identify and describe methods of pest control.

Methods of Evaluation

Category	Percentage
Assignments	40%
Exams	60%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

Frank Phillips College
AGRI 1419 Animal Science

I. General Course Information

Brad Johnson, Spring 2013
Course Number: AGRI 1419
Course Title: Animal Science
Credit Hours: 3-3-4

Recommended Prerequisite: None

Course Description: An introductory course to the study of livestock, their importance, development, distribution, care, management, reproduction, marketing, and evaluation.

A series of basic intellectual competencies--reading, writing, speaking, listening, critical thinking, and computer literacy--are essential to the learning process in any discipline and thus should inform any core curriculum. Although students can be expected to come to college with some experience in exercising these competencies, they often need further instruction and practice to meet college standards and, later, to succeed in both their major field of academic study and their chosen career or profession. This course will further develop the following basic intellectual competencies:

READING: Reading at the college level means the ability to analyze and interpret a variety of printed materials--books, articles, and documents. A core curriculum should offer students the opportunity to master both general methods of analyzing printed materials and specific methods for analyzing the subject matter of individual disciplines.

WRITING: Competency in writing is the ability to produce clear, correct, and coherent prose adapted to purpose, occasion, and audience. Although correct grammar, spelling, and punctuation are each a sine qua non in any composition, they do not automatically ensure that the composition itself makes sense or that the writer has much of anything to say. Students need to be familiar with the writing process including how to discover a topic and how to develop and organize it, how to phrase it effectively for their audience. These abilities can be acquired only through practice and reflection.

SPEAKING: Competence in speaking is the ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience. Developing this competency includes acquiring poise and developing control of the language through experience in making presentations to small groups, to large groups, and through the media.

LISTENING: Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

CRITICAL THINKING: Critical thinking embraces methods for applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies. Problem solving is one of the applications of critical thinking, used to address an identified task.

COMPUTER LITERACY: Computer literacy at the college level means the ability to use computer-based technology in communicating, solving problems, and acquiring information. Core-educated students should have an understanding of the limits, problems, and possibilities associated with the use of technology, and should have the tools necessary to evaluate and learn new technologies as they become available.

II. Student Learning Outcomes

All Frank Phillips College courses work together to meet the following objectives:

1. Establish broad and multiple perspectives on the individual in relationship to the larger society and world in which he or she lives, and to understand the responsibilities of living in a culturally and ethnically diverse world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be a responsible member of society;
3. Recognize the importance of maintaining health and wellness;
4. Develop a capacity to use knowledge of how technology and science affect their lives;
5. Develop personal values for ethical behavior;
6. Develop the ability to make aesthetic judgments;
7. Use logical reasoning in problem solving; and
8. Integrate knowledge and understand the interrelationships of scholarly disciplines.

In addition, the following objectives that are specific to Animal Science will be met:

Course Outcomes

1. Recognize and understand animal contributions to human needs.
2. Categorize major production phases, production areas, economic impact, and future trends of common livestock industries.
3. Write using pertinent terms associated with the animal science industry.
4. Identify male and female organs of reproduction and describe their functions.
5. Evaluate how genetics impact improvements in livestock production.
6. Distinguish the various market classes, grades, and methods of marketing livestock..
7. Categorize the basic nutrient groups, their functions, and feedstuffs.
8. Explain digestion and absorption of feed in ruminant and non-ruminant animals.
9. Distinguish significant breeds of various species of livestock.
10. Practice proper care and management techniques for various species of livestock.
11. Recognize and prescribe treatment for common diseases of livestock.

III. Textbook and Other Required Materials

Textbook: Scientific Farm Animal Production (10th Edition). Robert E. Taylor and Tom G. Field.

IV. Classroom Policy and Instructor Expectations

Students are expected to conduct themselves in a way such as to enhance the learning of all students in the class, refrain from the use of tobacco products in the building, participate in classroom discussion, turn in assignments on time, and be prompt to class.

V. Additional/Supplemental References

Journal of Animal Science, Agriculture Magazines, and the Internet.

VI. Methods of Evaluation

Exams will account for 70% of the final course grade and assignments will account for 30% of the final grade for the course.

Grading System:

90% to 100%	A
80% to 89%	B
70 to 79%	C
60 to 69%	D
59% and Below	F

VII. Attendance Requirements

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class.

Students will be excused from class without penalty when either representing the College in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor, and these exceptions do not relieve the student of the responsibility of making up the missed work as designated. Excused absences must be documented. Students are expected to make every effort to document excused absences prior to the class period missed. If not approved beforehand, the instructor must be presented documentation within 72 hours after missing a class period in order for the absence to be excused. Students with unexcused absences will not be allowed to make up any work missed during class.

VIII. Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information
Interprets & Communicates Information
Interpersonal:
Teaches Others
Negotiates to Arrive at a Decision
Systems:
Understands Systems
Improves & Designs Systems
Technology:
Applies Technology
Basic Skills:
Reading
Writing
Arithmetic
Mathematics
Listening
Speaking
Thinking Skills:
Creative Thinking
Decision Making
Problem Solving
Reasoning
Self-Management
Responsibility
Integrity/Honesty
Sociability,
Self-Management

IX. Next Recommended Course in Sequence—N/A

X. Correlation to Stated Mission Goals of Frank Phillips College

- A. Provide general college academic course for students who plan to enter senior colleges and universities with junior standing.
- B. Provide a classroom setting that is conducive to learning.
- C. Provide, assist, and promote the use of learning resources.
- D. Participate in and contribute to the democratic society in which we live.
- E. Acquire skills, facts, values, and attitudes necessary to function and contribute to our society.

XI. Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Frank Phillips College Catalogue on pages 45 and 46. In the vast majority of cases, the matter can be resolved at the

instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

XII. Instructor's Contact Information and Office Hours

Attention: Disabled Students; please see me after class or during office hours if you have a disability that requires special accommodations

Dustin W. Warren

Office: VOC 11

Office phone: 457-4200 ext. 790

E-mail: dwarren@fpctx.edu

Office Hours: Posted on Office Door and Student Portal

Frank Phillips College
AGRI 2321 Livestock Evaluation I

I. General Course Information

Brad Johnson, Spring 2013

Course Number: AGRI 2321

Course Title: Livestock Evaluation 1

Credit Hours: 2-2-3

Class Time and Location: Monday and Wednesday, 9:55-11:10 a.m., AGSCI –

AGS2

Course Description: The selection, evaluation, and grading of livestock and livestock products.

A series of basic intellectual competencies--reading, writing, speaking, listening, critical thinking, and computer literacy--are essential to the learning process in any discipline and thus should inform any core curriculum. Although students can be expected to come to college with some experience in exercising these competencies, they often need further instruction and practice to meet college standards and, later, to succeed in both their major field of academic study and their chosen career or profession. This course will further develop the following basic intellectual competencies:

READING: Reading at the college level means the ability to analyze and interpret a variety of printed materials--books, articles, and documents. A core curriculum should offer students the opportunity to master both general methods of analyzing printed materials and specific methods for analyzing the subject matter of individual disciplines.

WRITING: Competency in writing is the ability to produce clear, correct, and coherent prose adapted to purpose, occasion, and audience. Although correct grammar, spelling, and punctuation are each a sine qua non in any composition, they do not automatically ensure that the composition itself makes sense or that the writer has much of anything to say. Students need to be familiar with the writing process including how to discover a topic and how to develop and organize it, how to phrase it effectively for their audience. These abilities can be acquired only through practice and reflection.

SPEAKING: Competence in speaking is the ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience. Developing this competency includes acquiring poise and developing control of the language through experience in making presentations to small groups, to large groups, and through the media.

LISTENING: Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

CRITICAL THINKING: Critical thinking embraces methods for applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and

to construct alternative strategies. Problem solving is one of the applications of critical thinking, used to address an identified task.

COMPUTER LITERACY: Computer literacy at the college level means the ability to use computer-based technology in communicating, solving problems, and acquiring information. Core-educated students should have an understanding of the limits, problems, and possibilities associated with the use of technology, and should have the tools necessary to evaluate and learn new technologies as they become available.

II. Student Learning Outcomes

All Frank Phillips College courses work together to meet the following objectives:

1. Establish broad and multiple perspectives on the individual in relationship to the larger society and world in which he or she lives, and to understand the responsibilities of living in a culturally and ethnically diverse world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be a responsible member of society;
3. Recognize the importance of maintaining health and wellness;
4. Develop a capacity to use knowledge of how technology and science affect their lives;
5. Develop personal values for ethical behavior;
6. Develop the ability to make aesthetic judgments;
7. Use logical reasoning in problem solving; and
8. Integrate knowledge and understand the interrelationships of scholarly disciplines.

In addition, the following objectives that are specific to Livestock Evaluation I will be met:

Course Outcomes

1. Differentiate different species and breeds of livestock.
2. Evaluate breeding livestock for its ability to effectively perform in the industry.
3. Evaluate market livestock for its ability to effectively perform in the industry.
4. Evaluate livestock products for their ability to effectively meet consumer demands in the industry.
5. Verbally justify decisions made in livestock selection using pertinent livestock terminology.
6. Develop team work and leadership skills.
7. Effectively and efficiently take notes and commit ideas to memory.

III. Textbook and Other Required Materials

All course materials will be provided by instructor.

IV. Classroom Policy and Instructor Expectations

Student is expected to participate in classroom discussion and activities, as well as perform homework and lab assignments in a timely manner.

V. Additional/Supplemental References

Handouts and various other materials will be made available throughout the semester for the students.

VI. Methods of Evaluation

Exams, Participation, Attitude, Engagement, Attendance, Pertinent Assignments

Grading System:

90% to 100%	A
80% to 89%	B
70 to 79%	C
60 to 69%	D
59% and Below	F

VII. Attendance Requirements

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class.

Students will be excused from class without penalty when either representing the College in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor, and these exceptions do not relieve the student of the responsibility of making up the missed work as designated. Excused absences must be documented. Students are expected to make every effort to document excused absences prior to the class period missed. **If not approved beforehand, the instructor must be presented documentation within 72 hours after missing a class period in order for the absence to be excused.** Students with unexcused absences will not be allowed to make up any work missed during class.

VIII. Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interprets & Communicates Information

Interpersonal:

Teaches Others

Negotiates to Arrive at a Decision

Systems:

Understands Systems

Improves & Designs Systems
Technology:
Applies Technology
Basic Skills:
Reading
Writing
Arithmetic
Mathematics
Listening
Speaking
Thinking Skills:
Creative Thinking
Decision Making
Problem Solving
Reasoning
Personal Qualities:
Responsibility
Sociability
Self-Management
Integrity/Honesty

IX. Next Recommended Course in Sequence—N/A

X. Correlation to Stated Mission Goals of Frank Phillips College

- A. Provide general college academic course for students who plan to enter senior colleges and universities with junior standing.
- B. Provide a classroom setting that is conducive to learning.
- C. Provide, assist, and promote the use of learning resources.
- D. Participate in and contribute to the democratic society in which we live.
- E. Acquire skills, facts, values, and attitudes necessary to function and contribute to our society.

XI. Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Frank Phillips College Catalogue on pages 45 and 46. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

XII. Instructor's Contact Information and Office Hours

Attention: Disabled Students; please see me after class or during office hours if you have a disability that requires special accommodations
Brad Johnson

Office: AGS-9

Office phone: 457-4200 ext. 169

E-mail: bjohnson@fpctx.edu

Office Hours: Posted on office door and student portal

AGRI 2330 — Wildlife Conservation & Management

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Principles and practices used in the production and improvement of wildlife resources. Aesthetic, ecological, and recreational uses of public and private lands.

THECB Approval Number03.0601.51.01

Learning Outcomes

Upon successful completion of this course, students will:

1. Summarize the importance of the wildlife to society;
2. Identify wildlife population problems as they relate to managing wildlife;
3. Summarize the importance of food, water and cover in establishing wildlife populations.

Methods of Evaluation

Category	Percentage
Assignments	40%
Exams	60%
Total	100%

Academic Honesty and Integrity

Students attending Frank Phillips College are expected to maintain high standards of personal and scholarly conduct. Academic dishonesty including, but not limited to, cheating, collusion (working with anyone else to produce work for which you take credit without the professor's permission), utilizing resources such as books and notes for a test without the professor's permission, and plagiarism is considered a serious offense and may result in disciplinary actions including:

- A grade of 0 for the test or assignment

- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class in accordance with requirements of the course as established by the instructor.

Students will be excused from class without penalty when either representing the college in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor of the course. These exceptions do not relieve the student of the responsibility of making up the missed work as designated by the instructor concerned.

Students who enroll in one or more college-preparatory course(s) because of TSI deficiency will be administratively withdrawn from all classes if the course in which they are excessively absent is their only preparatory course. For a student enrolled in more than one preparatory course, the student may be dropped from only the course affected by absences.

Any student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day, provided that proper notification of the absence is given to the instructor of the course missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

Cell Phones and Other Electronic Devices Procedure:

Cell phones and electronic devices in the classroom create a distraction for both students and faculty. Cell phones are also considered suspicious during test taking. Therefore, Frank Phillips College outlines the procedure for handling cell phone usage in a classroom as follows:

1. First Offense: the student will be warned verbally by the instructor to turn off the cell phone or electronic device or by appropriate administrative personnel at distance sites. The instructor will make a notation of the infraction.
2. Second Offense: the student will be asked to leave the class period for the day and will receive zeros for any work done in class on that day; a student receiving instruction through remote connection at an off-campus site will be required to attend the class face to face in Borger from this class date forward.
3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Academic Policies section of the Frank Phillips College Catalogue. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

Important Information

Frank Phillips College is a Microsoft Office Campus. You must submit your electronic assignments in Microsoft Office programs only. If you do not have Microsoft Office, you may use one of the computer lab sites on campus for your class work.

Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

AGRI 2403 — Agricultural Construction

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

N/A

Course Description

Selection, use and maintenance of hand and power tools; arc and oxy-acetylene welding, and construction materials and principles.

THECB Approval Number01.0201.51.01

Learning Outcomes

Upon successful completion of this course, students will:

1. Recognize and identify major work areas and safety purposes in the agricultural shop.
2. Recognize and interpret safety colors and codes, proper protective equipment and safe working procedures in construction areas.
3. Identify, select, and properly use commonly used hand tools, screws, bolts, and power tools such as grinders, circular saws, drills, sabre saws, and nibblers.
4. Selection and proper use of oxy-acetylene and arc welding equipment.
5. Selection and use of construction materials and principles.

Methods of Evaluation

Category	Percentage
Assignments	40%
Exams	60%
Total	100%

Academic Honesty and Integrity

Students attending Frank Phillips College are expected to maintain high standards of personal and scholarly conduct. Academic dishonesty including, but not limited to, cheating, collusion (working with anyone else to produce work for which you take credit without the professor's permission), utilizing resources such as books and notes for a test

without the professor's permission, and plagiarism is considered a serious offense and may result in disciplinary actions including:

- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class in accordance with requirements of the course as established by the instructor.

Students will be excused from class without penalty when either representing the college in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor of the course. These exceptions do not relieve the student of the responsibility of making up the missed work as designated by the instructor concerned.

Students who enroll in one or more college-preparatory course(s) because of TSI deficiency will be administratively withdrawn from all classes if the course in which they are excessively absent is their only preparatory course. For a student enrolled in more than one preparatory course, the student may be dropped from only the course affected by absences.

Any student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day, provided that proper notification of the absence is given to the instructor of the course missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

Cell Phones and Other Electronic Devices Procedure:

Cell phones and electronic devices in the classroom create a distraction for both students and faculty. Cell phones are also considered suspicious during test taking. Therefore, Frank Phillips College outlines the procedure for handling cell phone usage in a classroom as follows:

1. First Offense: the student will be warned verbally by the instructor to turn off the cell phone or electronic device or by appropriate administrative personnel at distance sites. The instructor will make a notation of the infraction.
2. Second Offense: the student will be asked to leave the class period for the day and will receive zeros for any work done in class on that day; a student receiving instruction through remote connection at an off-campus site will be required to attend the class face to face in Borger from this class date forward.
3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours
Perryton: (806) 648-1450

Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Academic Policies section of the Frank Phillips College Catalogue. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

Important Information

Frank Phillips College is a Microsoft Office Campus. You must submit your electronic assignments in Microsoft Office programs only. If you do not have Microsoft Office, you may use one of the computer lab sites on campus for your class work.

Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

Frank Phillips College
AGRI 1131 Agriculture Industry

I. General Course Information

Brad Johnson, Spring 2013

Course Number: AGRI 1131

Course Title: Agriculture Industry

Credit Hours: 1-0-1

Class Time and Location: Wednesday, 1:15 - 2:05 p.m., AGSCI – AGS2

Prerequisite and/or Co-requisite: None

Course Description: An introductory course to the field of agriculture. Emphasis is placed on career guidance, counseling, educational requirements to the job market, and current trends in the field of agriculture.

A series of basic intellectual competencies--reading, writing, speaking, listening, critical thinking, and computer literacy--are essential to the learning process in any discipline and thus should inform any core curriculum. Although students can be expected to come to college with some experience in exercising these competencies, they often need further instruction and practice to meet college standards and, later, to succeed in both their major field of academic study and their chosen career or profession. This course will further develop the following basic intellectual competencies:

READING: Reading at the college level means the ability to analyze and interpret a variety of printed materials--books, articles, and documents. A core curriculum should offer students the opportunity to master both general methods of analyzing printed materials and specific methods for analyzing the subject matter of individual disciplines.

WRITING: Competency in writing is the ability to produce clear, correct, and coherent prose adapted to purpose, occasion, and audience. Although correct grammar, spelling, and punctuation are each a sine qua non in any composition, they do not automatically ensure that the composition itself makes sense or that the writer has much of anything to say. Students need to be familiar with the writing process including how to discover a topic and how to develop and organize it, how to phrase it effectively for their audience. These abilities can be acquired only through practice and reflection.

SPEAKING: Competence in speaking is the ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience. Developing this competency includes acquiring poise and developing control of the language through experience in making presentations to small groups, to large groups, and through the media.

LISTENING: Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

CRITICAL THINKING: Critical thinking embraces methods for applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies. Problem solving is one of the applications of critical thinking, used to address an identified task.

COMPUTER LITERACY: Computer literacy at the college level means the ability to use computer-based technology in communicating, solving problems, and acquiring information. Core-educated students should have an understanding of the limits, problems, and possibilities associated with the use of technology, and should have the tools necessary to evaluate and learn new technologies as they become available.

II. Student Learning Outcomes

All Frank Phillips College courses work together to meet the following objectives:

1. Establish broad and multiple perspectives on the individual in relationship to the larger society and world in which he or she lives, and to understand the responsibilities of living in a culturally and ethnically diverse world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be a responsible member of society;
3. Recognize the importance of maintaining health and wellness;
4. Develop a capacity to use knowledge of how technology and science affect their lives;
5. Develop personal values for ethical behavior;
6. Develop the ability to make aesthetic judgments;
7. Use logical reasoning in problem solving; and
8. Integrate knowledge and understand the interrelationships of scholarly disciplines.

In addition, the following objectives that are specific to Agriculture Industry will be met:

Course Outcomes

1. Identify career opportunities in agriculture.
2. Construct a resume.
3. Understand requirements and aptitudes for various agriculture careers.
4. Discuss and evaluate current and future trends of the agriculture industry in the United States.
5. Outline the purpose of the Land Grant Institution.

III. Textbook and Other Required Materials: None.

IV. Classroom Policy and Instructor Expectations

Students are expected to conduct themselves in a way such as to enhance the learning of all students in the class, refrain from the use of tobacco products in the building, participate in classroom discussion, turn in assignments on time, and be prompt to class.

V. Additional/Supplemental References

Current magazine and journal articles, and the Internet.

VI. Methods of Evaluation

Assignments will account for 70% of the final course grade and exams will account for 30% of the final grade for the course.

Grading System:

90% to 100%	A
80% to 89%	B
70 to 79%	C
60 to 69%	D
59% and Below	F

VII. Attendance Requirements

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class.

Students will be excused from class without penalty when either representing the College in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor, and these exceptions do not relieve the student of the responsibility of making up the missed work as designated. Excused absences must be documented. Students are expected to make every effort to document excused absences prior to the class period missed. **If not approved beforehand, the instructor must be presented documentation within 72 hours after missing a class period in order for the absence to be excused.** Students with unexcused absences will not be allowed to make up any work missed during class.

VIII. Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interprets & Communicates Information

Interpersonal:

Teaches Others

Negotiates to Arrive at a Decision

Systems:

Understands Systems

Improves & Designs Systems

Technology:
 Applies Technology
Basic Skills:
 Reading
 Writing
 Arithmetic
 Mathematics
 Listening
 Speaking
Thinking Skills:
 Creative Thinking
 Decision Making
 Problem Solving
 Reasoning
Personal Qualities:
 Responsibility
 Sociability
 Self-Management
 Integrity/Honesty

IX. Next Recommended Course in Sequence—N/A

X. Correlation to Stated Mission Goals of Frank Phillips College

- A. Provide general college academic course for students who plan to enter senior colleges and universities with junior standing.
- B. Provide a classroom setting that is conducive to learning.
- C. Provide, assist, and promote the use of learning resources.
- D. Participate in and contribute to the democratic society in which we live.
- E. Acquire skills, facts, values, and attitudes necessary to function and contribute to our society.

F. Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Frank Phillips College Catalogue on pages 45 and 46. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

XI. Instructor's Contact Information and Office Hours

Attention: Disabled Students; please see me after class or during office hours if you have a disability that requires special accommodations
Brad Johnson
Office: AGS-9

Office phone: 457-4200 ext. 169

E-mail: bjohnson@fpctx.edu

Office Hours: Posted on office door and student portal

ANTH 2351 — Cultural Anthropology

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

Key concepts, methods and theory in the study of cultural diversity, social institutions, linguistics, and culture change among world peoples.

THECB Approval Number45.0201.53 25

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Language, Philosophy & Culture Courses

Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination.

Courses involve the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Understand the field of anthropology, focusing on Cultural Anthropology.
2. Explore human cultural adaptation systems.
3. Investigate human diasporas, focusing on genocide, refugees, and human trafficking.
4. Explore human cultural diversity and similarities with a focus on cultural competency.
5. Question the human response to cultural change.

Methods of Evaluation

Category	Percentage
Teamwork - Public Awareness	20%
Communication - Self-Ethnography and Writing Matters Essay	20%
Personal Responsibility - Culture Research	20%
Quizzes	20%
Final	20%
Total	100%

Academic Honesty and Integrity

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- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Students who enroll in one or more college-preparatory course(s) because of TSI deficiency will be administratively withdrawn from all classes if the course in which

they are excessively absent is their only preparatory course. For a student enrolled in more than one preparatory course, the student may be dropped from only the course affected by absences.

Any student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day, provided that proper notification of the absence is given to the instructor of the course missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

Cell Phones and Other Electronic Devices Procedure:

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3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

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Important Information

Frank Phillips College is a Microsoft Office Campus. You must submit your electronic assignments in Microsoft Office programs only. If you do not have Microsoft Office, you may use one of the computer lab sites on campus for your class work.

Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BCIS 1405 — Business Computer Applications
(Advanced Microcomputer Applications)
Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

N/A

Course Description

Computer terminology, hardware, software, operating systems, and information systems relating to the business environment. The main focus of this course is on business applications of software, including word processing, spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet. This course utilizes Microsoft Office 2007 or 2010, Word, Excel, Access, and PowerPoint.

THECB Approval Number11.0202.54.04

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Apply proficiency using PCs.
2. Apply proficiency using Word.
3. Apply proficiency using Excel.
4. Apply proficiency using Access.
5. Apply proficiency using PowerPoint.
6. Apply the correct application of Word packages in various scenarios.
7. Maintain a capability to adapt to changes in software applications that are generically similar in form and function.
8. Use creativity, tenacity and problem solving skills to solve PC software application problems.

Methods of Evaluation

Grades to be determined in accordance with the following:

Category	Percentage
Projects	50%
Participation/Attendance	20%
Assignments	30%
Total	100%
Grade Points	Grade
90-100	A
80-89	B
70-79	C
60-69	D
59 and lower	F

Discussion forum questions fall into the Participation/Attendance category and all discussion forum questions will be graded based on the discussion forum grading rubric, which can be located in course documents. Student course participation is also graded weekly based on the student participation rubric, which can be located in course documents.

Academic Honesty and Integrity

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- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance*

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Cell Phones and Other Electronic Devices Procedure:

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3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

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Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

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Important Information

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BIOL 1322 — Nutrition and Diet Therapy I

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Study of the chemical, physical, and sensory properties of food; nutritional quality; and food use and diet applications. Topics emphasized are the basic principles of nutrition in health and disease. The modern concept of an adequate diet as it pertains to the nutritional needs of the individual.

THECB Approval Number19.0501.51.09

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Master vocabulary and concepts for nutrition as shown by proper usage in writing assignments and oral discussions/presentations, as well as correctly answer test items,
2. Identify parts of a nutritional assessment; evaluate nutritional status in examples (clinical cases, diet analyses, chart, testing),
3. Delineate differing nutritional needs of different groups of people (testing, diet analyses),
4. Demonstrate an understanding of general human anatomy and physiology as it relates to ingestion, digestion, absorption, transportation & utilization of nutrients (quizzes, tests), and
5. Discuss the personal significance of a healthy diet (diet analyses, tests, discussions).

Methods of Evaluation

1. 40% of final grade is averaged daily grades. Tests count 35% & MyNutritionLab counts for 25% of final grade.
2. Makeup test format is instructor determined & grade earned is posted as is; no adjustment to class average.
3. Daily grades derived primarily from homework (assignments, postquizzes or take home quizzes, essay questions on homeostasis of each system studied), attendance & participation (in class graded pre-quizzes, pop quizzes, activities, discussions) and a project. Project includes presentation, & meets grading requirements - references (includes works-cited pg.), copies of sources (hard or electronic) provided, writing, and presentation criteria were followed - answered question(s); did active listening & participated during presentations by others (posed thoughtful questions and participated in constructive assessment).
4. Laboratory grade based on case study based exercises. Exercises assigned are chosen to support classroom material.
5. A “test only” based grade available upon request after consultation with instructor during the 1st week. Lab assignments are required & valued at 25% of the grade while tests count 75%. Recommended only for course repeats.
6. **Grading scale:** A = 100 -90; B=89–80; C=79-70; D=69-60; F=59 and below.

Academic Honesty and Integrity

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- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Cell Phones and Other Electronic Devices Procedure:

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Grievance Policy

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BIOL 1407 — Biology for Science Majors II

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

No prerequisite.

Course Description

Fundamental principles of living organisms. Emphasis will be placed on topics that include evolution, biological diversity, ecology, and comparative structure and function of organisms. Must be taken concurrently with a laboratory section.

THECB Approval Number26.0101.51.03

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will demonstrate competency (70%) in knowledge and understanding of:

1. Levels of organization and characteristics of living organisms.
2. Select themes in the chemistry of cells typically involving organic molecules.
3. Cell types and relate cell structures to their functions.
4. Metabolic processes for acquiring and releasing energy.
5. The framework of inheritance and genetics.
6. Identification and diagnostic characteristics of the organisms that comprise the 3 domains as well as their systems and components.
7. Basic laboratory techniques related to these studies (microscopy, basic chemistry, visual ID, dissections and proper use of various pieces of lab equipment).
8. Anatomical and physiological structure of various organisms.
9. The scientific method and documentation of scientific findings using detailed notes that include careful, accurate, and well-labeled illustrations structured by the framework of proper scientific methodology.
10. The importance of ecological system integrity and biological diversity across all clades of life throughout the extensive range of Earth's ecosystems.

Methods of Evaluation:

Lecture: Lecture grade will be based upon lecture exams, quizzes and assignments; total weight of overall lecture grade will be 60%. Examinations given may include items in the following format:

Essay questions, Multiple choice*, True/False, Fill in the blank*
Short answer* (*may include labeling)

Quizzes and assignments will be given at the instructor's discretion, but typically no more than 1 per week

Laboratory: Laboratory grade (40% of total grade) will be based upon practical exams, lab write-ups, quizzes, & assignments. Practicals include items such as found on lecture tests but primarily assess hands on learning. Attendance is required to turn in a lab write-up for credit. Additionally, lack of participation in group laboratory activities will receive a 10% deduction.

Grading scale: A=90-100; B=80-89; C=70-79; D=60-69; F=0-59

Academic Honesty and Integrity

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Grievance Policy

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BIOL1413 — General Zoology

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

No prerequisite.

Course Description

Study of the principles of taxonomy, classification, molecular biology, and ecology as they relate to animal form and function, diversity, behavior, and evolution. Laboratory emphasis is on the dissection and the study of zoological specimens from the major phyla. Must be taken concurrently with a laboratory section.

THECB Approval Number26.0701.51.03

Statement of Purpose

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Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will demonstrate competency (70%) in knowledge and understanding of:

1. Characteristics of living organisms.
2. Identification and diagnostic characteristics of the organisms that comprise the 3 domains of life as well as their systems and select components.
3. Levels of organization within the Kingdom Animalia.
4. The chemistry of cells, including organic molecules.
5. Cell types and relate cell structures to their functions.
6. Metabolic processes for acquiring and releasing energy.
7. The framework of inheritance and genetics.
8. Basic laboratory techniques related to these studies. (microscopy, basic chemistry, Visual ID, dissections and the use of various lab equipment.)
9. Anatomical and physiological structure of various organisms.
10. The scientific method and the documentation of scientific findings, as to be reported in detailed notes that include careful, accurate, and well-labeled illustrations, structured by the framework of proper scientific methodology.
11. The importance of ecological system integrity and biological diversity across all clades of life throughout the extensive range of ecosystems across planet Earth.

Methods of Evaluation:

Lecture: Lecture grade will be based upon lecture exams, quizzes and assignments; total weight of overall lecture grade will be 60%. Examinations given may include items in the following format:

Essay questions, Multiple choice*, True/False, Fill in the blank*
Short answer* (*may include labeling)

Quizzes and assignments will be given at the instructor's discretion, but typically no more than 1 quiz per week.

Laboratory: Laboratory grade (40% of total grade) will be based upon practical exams, lab write-ups, quizzes, & assignments. Practicals include items such as found on lecture tests but primarily assess hands on learning.

Attendance is required to turn in a lab write-up for credit. Additionally, lack of participation in group laboratory activities will receive a 10% deduction.

Grading scale: A=90-100; B=80-89; C=70-79; D=60-69; F=0-59

Academic Honesty and Integrity

Students attending Frank Phillips College are expected to maintain high standards of personal and scholarly conduct. Academic dishonesty including, but not limited to, cheating, collusion (working with anyone else to produce work for which you take credit without the professor's permission), utilizing resources such as books and notes for a test without the professor's permission, and plagiarism is considered a serious offense and may result in disciplinary actions including:

- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class in accordance with requirements of the course as established by the instructor.

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Any student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day, provided that proper notification of the absence is given to the instructor of the course missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

Cell Phones and Other Electronic Devices Procedure:

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BIOL 2306 — Environmental Biology

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

No prerequisite.

Course Description

Human interaction with and effect upon plant and animal communities. Conservation, pollution, energy, and other contemporary ecological problems.

*Does **not** include a lab. This is an online course.

THECB Approval Number03.0103.51.01

Statement of Purpose

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Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes: (Matt, type your course learning outcomes here for this new course and let me know when it is ok.)

Upon successful completion of this course, students will demonstrate competency (70%) in knowledge and understanding of:

1. xxxxxxxxxxxxxxxxxxxx
2. xxxxxxxxxxxxxxxxxxxx
3. xxxxxxxxxxxxxxxxxxxx
4. xxxxxxxxxxxxxxxxxxxx
5. xxxxxxxxxxxxxxxxxxxx
6. xxxxxxxxxxxxxxxxxxxx
7. xxxxxxxxxxxxxxxxxxxx
8. xxxxxxxxxxxxxxxxxxxx
9. xxxxxxxxxxxxxxxxxxxx
10. xxxxxxxxxxxx

Methods of Evaluation (Matt, type in your methods and let me know when it is ok.)

xx

Academic Honesty and Integrity

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
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Exercises Leadership
Negotiates to Arrive at a Decision
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Selects Technology
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Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BIOL 2401 — Anatomy and Physiology I

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the reading section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

Study of the structure and function of human anatomy, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. Content of A&P I is focused on the study of vertebrate structure, cavities and regions of the human body followed by the study of the systems of the human body. Must be taken concurrently with a laboratory section. This course is designed for pre-med, nurses, physical education majors and for those who would prepare to become medical or clinical laboratory technologists.

THECB Approval Number26.0707.51.03

Statement of Purpose

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Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

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- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Demonstrate anatomy & physiology vocabulary mastery by correct usage both in writing assignments and oral presentations. (essay questions, article summary, research paper, poster)
2. Explain underlying concepts such as hierarchy of organization, complementarity of structure & function, homeostasis and regulation via feedback loops in the study of the body systems. (quizzing, test items, lab exercises, posters, clinical questions)
3. Identify & describe the body systems under study; explain their proper functioning & how each contributes to homeostasis. (Lab exercises, final review oral/written contributions)
4. Give examples of positive & negative feedback regulation during proper functioning of systems under study. (Demonstration/discussion of fight or flight response during lecture)
5. Locate & name body systems' organs on a human model, representative animal specimen or diagram; correctly describe anatomical features and/or landmarks that enable identification. (Lab icebreaker, Muscle LADSNOR and bone demonstrations)
6. Explain the system's organs' function as a consequence of interactions at the chemical level, cellular level and tissue level; describe interactions with other organs that enable healthy functioning of the system. (Essay questions on quizzes or tests)
7. Chart physiological events pertinent to the systems under study, i.e. generation of action potential, muscle stretch response, stress response/general adaptation syndrome, cardiac cycle, hemostasis, fluid & acid/base balance or other similar body responses to environmental changes. (Nervous system quiz, bone physiology poster, Muscle sliding filament "dance", muscle physiology concept map, skin quiz)
8. Predict effects of disruption to correct functioning of systems under study due to illness, trauma, etc. (i.e. Clinical questions exercise in lecture; lab manual questions)
9. Research additional information relevant to these studies to create a comprehensive, coherent, effective presentation of that information and present it.
10. Demonstrate effective use of basic laboratory techniques related to these studies. (lab participation, lab quizzes/practicals)

Methods of Evaluation

1. 40% of final grade is averaged daily grades. Tests count 35% & lab 25% of final grade.
2. Test average (exams) includes a cumulative final exam for twice the value. Makeup test format is instructor determined & grade earned is posted as is; no adjustment to class average.
3. Daily grades derived primarily from homework (assignments, postquizzes or take home quizzes, essay questions on homeostasis of each system studied), attendance & participation (in class graded pre-quizzes, pop quizzes, activities, discussions) and a project. Project includes presentation, & meets grading requirements - references (includes works-cited pg.), copies of sources (hard or electronic)

- provided, writing, and presentation criteria were followed - answered question(s); did active listening & participated during presentations by others (posed thoughtful questions and participated in constructive assessment).
4. Laboratory grades are based on Lab exercises (writings/drawings indicate successful identification of cells, tissues, & organs of systems studied), lab quizzes/practicals (includes demonstrated ability to use microscope & dissect specimens), homework assignments (demonstrations; completion of wet labs shown by correct, completed lab reports), & participation. Exercises assigned are chosen to support classroom material.
 5. A “test only” based grade available upon request after consultation with instructor during the 1st week. Lab is required & valued at 25% of the grade while tests count 75%. Recommended only for course repeats.
 6. **Grading scale:** A = 100 -90; B=89–80; C=79-70; D=69-60; F=59 and below.

Academic Honesty and Integrity

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Negotiates to Arrive at a Decision
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Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
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Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BIOL 2402 — Anatomy and Physiology II

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

Completion of BIOL 2401 with a grade of C or better.

Course Description

Study of the structure and function of human anatomy, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. A&P II is a continuation of A&P I with the focus of study on the systems of the human body and their functions. Must be taken concurrently with a laboratory section.

THECB Approval Number26.0707.51.03

Statement of Purpose

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Core Objectives Required for Life and Physical Sciences Courses

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Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Demonstrate anatomy & physiology vocabulary mastery by correct usage both in writing assignments and oral presentations.
2. Explain underlying concepts such as hierarchy of organization, complementarity of structure & function, homeostasis and regulation via feedback loops in the study of the systems under study.
3. Identify & describe the body systems under study; explain their proper functioning and how each contributes to homeostasis.
4. Give examples of both positive & negative feedback regulation involved in proper functioning of the systems under study.
5. Locate & name body systems' organs on a human model, representative animal specimen or diagram; correctly describe anatomical features and/or landmarks that enable identification.
6. Explain the system's organs function as a consequence of interactions at the chemical level, the cellular level and the tissue level; describe interactions with other organs that enable healthy functioning of the system.
7. Chart physiological events pertinent to the systems under study, i.e. generation of action potentials, the muscle stretch response, stress response/general adaptation syndrome, cardiac cycle, hemostasis, fluid & acid/base balance or other similar body-wide responses to environmental change.
8. Predict effects of disruption to correct functioning of systems under study due to illness, trauma, etc.
9. Research additional information relevant to these studies and create a comprehensive, coherent, effective presentation of that information and present it.
10. Demonstrate effective use of basic laboratory techniques related to these studies.

Methods of Evaluation

1. 40% of final grade is averaged daily grades. Tests count 35% & lab 25% of final grade.
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3. Daily grades derived primarily from homework (assignments, postquizzes or take home quizzes, essay questions on homeostasis of each system studied), attendance & participation (in class graded pre-quizzes, pop quizzes, activities, discussions) and a project. Project includes presentation, & meets grading requirements - references (includes works-cited pg.), copies of sources (hard or electronic) provided, writing, and presentation criteria were followed - answered question(s); did active listening & participated during presentations by others (posed thoughtful questions and participated in constructive assessment).
4. Laboratory grades are based on Lab exercises (writings/drawings indicate successful identification of cells, tissues, & organs of systems studied), lab quizzes/practicals (includes demonstrated ability to use microscope & dissect specimens), homework assignments (demonstrations; completion of wet labs shown by correct, completed lab reports), & participation. Exercises assigned are chosen to support classroom material.

5. A “test only” based grade available upon request after consultation with instructor during the 1st week. Lab is required & valued at 25% of the grade while tests count 75%. Recommended only for course repeats.
6. **Grading scale:** A = 100 -90; B=89–80; C=79-70; D=69-60; F=59 and below.

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Negotiates to Arrive at a Decision
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Applies Technology
Maintains & Troubleshoots Technology

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Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BIOL 2421 — Microbiology for Science Majors

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the reading section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

Study of the morphology, physiology, and taxonomy of representative groups of pathogenic and nonpathogenic microorganisms. Pure cultures of microorganisms grown on selected media are used in learning laboratory techniques. Includes a brief preview of food microbes, public health, and immunology. Must be taken concurrently with a laboratory section.

THECB Approval Number26.0503.51.03

Statement of Purpose

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Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
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- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Demonstrate vocabulary mastery for microbiology by correct usage both in writing assignments and oral presentations.
2. Define microbiology subdisciplines (parasitology, immunology, biotechnology, etc.); explain how they came about historically and currently relate to the scope of the subject.
3. Identify and classify the differing groups of microbes; discuss the differences between classical vs. molecular approaches to taxonomy.
4. Describe the metabolic and structural features of the groups of microorganisms.
5. Demonstrate an understanding of microbial genetics and reproductive strategies.
6. Explain the necessity for and methods used in controlling the growth of microbes.
7. List and define different kinds of biological associations; delineate the host-microbe relationship.
8. Evaluate medical significance of categories of microbes; discuss the impact of specific human associated diseases and relevant immunological responses.
9. Discuss environmental impact of microbes; explain importance of microbes in the biosphere.
10. Effectively demonstrate basic laboratory techniques used to study microbes.
11. Effectively present research related to a topic in microbiology.

Methods of Evaluation

1. 40% of final grade is averaged daily grades. Exams are 35% and lab 25% of the final grade.
2. Test average includes a cumulative final for 10% of grade. Makeup test availability is instructor determined & grade earned posted as is; no adjustment to class performance given.
3. Daily grades are derived primarily from projects, homework, quizzes, attendance & participation. Projects may include multimedia components, with or without oral presentation & require reading, writing, drawing, coloring, computer work & other activities to complete.
4. Laboratory grades are based on lab manuals, lab practicals, assignments, & participation. Exercises assigned are chosen to support classroom material.
5. A “test only” grade is available upon request after consultation with instructor during the 1st week. Lab is still required for 25% of grade; tests weigh 75%. Recommended primarily for those repeating the course for an improved grade.
6. The final grade will be reported as: 90 -100= A, 80 - 89= B, 70 - 79= C, 60 - 69= D, <60= F.

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BIOL 2421 — Microbiology for Science Majors

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the reading section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

Study of the morphology, physiology, and taxonomy of representative groups of pathogenic and nonpathogenic microorganisms. Pure cultures of microorganisms grown on selected media are used in learning laboratory techniques. Includes a brief preview of food microbes, public health, and immunology. Must be taken concurrently with a laboratory section.

THECB Approval Number26.0503.51.03

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Demonstrate vocabulary mastery for microbiology by correct usage both in writing assignments and oral presentations.
2. Define microbiology subdisciplines (parasitology, immunology, biotechnology, etc.); explain how they came about historically and currently relate to the scope of the subject.
3. Identify and classify the differing groups of microbes; discuss the differences between classical vs. molecular approaches to taxonomy.
4. Describe the metabolic and structural features of the groups of microorganisms.
5. Demonstrate an understanding of microbial genetics and reproductive strategies.
6. Explain the necessity for and methods used in controlling the growth of microbes.
7. List and define different kinds of biological associations; delineate the host-microbe relationship.
8. Evaluate medical significance of categories of microbes; discuss the impact of specific human associated diseases and relevant immunological responses.
9. Discuss environmental impact of microbes; explain importance of microbes in the biosphere.
10. Effectively demonstrate basic laboratory techniques used to study microbes.
11. Effectively present research related to a topic in microbiology.

Methods of Evaluation

1. 40% of final grade is averaged daily grades. Exams are 35% and lab 25% of the final grade.
2. Test average includes a cumulative final for twice the value of a regular test. Makeup test availability is instructor determined & grade earned posted as is; no adjustment to class performance given.
3. Daily grades are derived primarily from projects, homework, quizzes, attendance & participation. Projects may include multimedia components, with or without oral presentation & require reading, writing, drawing, coloring, computer work & other activities to complete.
4. Laboratory grades are based on lab manuals, lab practicals, assignments, & participation. Exercises assigned are chosen to support classroom material.
5. A “test only” grade is available upon request after consultation with instructor during the 1st week. Lab is still required for 25% of grade; tests weigh 75%. Recommended primarily for those repeating the course for an improved grade.
6. The final grade will be reported as: 90 -100= A, 80 - 89= B, 70 - 79= C, 60 - 69= D, <60= F.

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Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
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Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

BUSI 1301 — Business Principles

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Introduction to the role of business in modern society. Includes overview of business operations, analysis of the specialized fields within the business organization, and development of a business vocabulary. Topics emphasized include forms of organization, banking, credit, problems of management and personnel, business risks and the relationship of government and business, and a brief study of basic industries.

THECB Approval Number52.0101.51 04

Learning Outcomes:

Upon successful completion of this course, students will be able to:

1. Use business terminology in all class discussions and assignments.
2. Identify and discuss the four main kinds of productive resources.
3. Explain how the forces of supply and demand determine fair or market prices.
4. Describe the characteristics of entrepreneurship and how they might be used in business.
5. Differentiate between the two main approaches employees can take to their jobs and the way their performance affects their long-term prospects.
6. Describe in detail the functions of management.
7. Identify and discuss the elements of the marketing mix.
8. Explain why linking pay to performance in a fair and equitable manner is an important source of employee motivation and commitment to a company.
9. Explain how the success of a company can be measured by financial accounts.

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Methods of Evaluation

Face to Face

Tests	45%
Quizzes	15%
Final Examination	20%
Presentations	20%

Online

Chapter Assignments	60%
Discussions	15%
Case studies/Presentations	15%
Final	10%

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Systems:

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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

CBFM 2317 — Mechanical Maintenance

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

General principles of mechanical and electrical systems as related to inspection, repair, and preventative maintenance of facility equipment.

THECB Approval Number 46.0401.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Understand the principles of meter operations.
2. Understand and demonstrate the safe use of various types of electrical testing equipment on power and control circuits.
3. Understand and demonstrate the basic operation of an oscilloscope.
4. Understand basic troubleshooting using building drawings.
5. Troubleshoot lighting systems.
6. Understand and demonstrate the knowledge of various types of electrical control devices and their application.
7. Understand insulation testing of motors and cables using a Megger.
8. Understand and demonstrate troubleshooting using electrical schematics
9. Understand and demonstrate troubleshooting motor starters.
10. Understand and demonstrate knowledge of transformer principles, applications, and maintenance.

Methods of Evaluation

Category	Percentage
Lab/Classroom Participation & Homework	40%
Mid Term Test	25%
Final Test	25%
Attendance & Punctuality	10%
Total	100%
Grading Scale	
A	100-90%
B	80-89%
C	70-79%
D	60-69%
F	59-0%

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Basic Skills:

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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

CETT 1409 — DC-AC Circuits

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Consult Advisor

Course Description

Fundamentals of DC circuits and AC circuits operation including Ohm's law, Kirchhoff's laws, networks, transformers, resonance, phasors, capacitive and inductive and circuit analysis techniques.

THECB Approval Number15.1201.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Construct and analyze DC and AC circuits from simple to complex.
2. Perform test measurements.
3. Utilize a multi meter and oscilloscope to differentiate between two AC signals with respect to voltage, current, and power.

Methods of Evaluation

Category	Percentage
Labs	40%
Participation	10%
Midterm exam	25%
Final exam	25%
Total	100%

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Personal Qualities:

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CETT 1425 — Digital Fundamentals

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Consult Advisor

Course Description

An entry level course in digital electronics to include numbering systems, logic gates, Boolean algebra, and combinational logic.

THECB Approval Number 15.1201.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Construct digital circuits, such as
 - a. combinational logic circuits, and
 - b. clocking and timing circuits.
2. Troubleshoot various digital circuits using schematic diagrams.

Methods of Evaluation

Category	Percentage
Test Average	35%
Lab Average	35%
Attendance	10%
Final Exam	20%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

CHEM 1407 — Introductory Chemistry II

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

None

Course Description

Survey course introducing chemistry. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, and environmental/consumer chemistry.

(A study of the chemistry of the materials and energy that man produces and consumes, his means of production of food and its attendant problems and the effect these have on the ecosystem. There is an emphasis on environmental aspects related to these topics. This course is designed for students planning to enter senior college as non-science majors. Must be taken with a laboratory section.)

THECB Approval Number40.0501.51 03

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Identify and analyze man's impact on the natural resources found on Earth.
2. Explain the structure of the atmosphere, its function and the impact of man-made pollution on air and water quality with particular emphasis on the greenhouse effect and ozone depletion.
3. Comprehend the origins of energy, the chemical constraints and history of energy use.
4. Compare and contrast the benefits and problems of the various fossil fuels and renewable energy sources. Explain the political and ethical considerations of energy use.
5. Analyze the impact of health and fitness on people's life.
6. Evaluate the differences between different household chemicals (green versus non-green chemicals); compare and contrast the different chemicals people use every day.
7. Recognize the global and individual impact of chemicals.

Methods of Evaluation:

1. Chapter Exams (50 % of total grade)
 - a. There will be up to 6 equally weighted exams. The first exam missed due to excused absences will be your dropped test. Further tests will be made up and may be oral.
2. Participation grade. (15% of total grade). Includes:
 - a. Homework requirements adequately met: (10 % of total grade)
 - b. Demonstrating that outside reading was met. (5% of total grade)
3. Writing assignment (10% of total grade)
4. Lab activities (25% of grade): The lowest individual lab grade will be dropped. There are no makeup labs. Grading will be based on your data, calculations and the discussion of results and conclusions using post lab questions.
5. Final grade derived will be reported as: 90 -100= A, 80 - 89= B, 70 - 79= C, 60 - 69= D, <60 = F. Students will receive their semester grades & other course information on line. Semester grades are reported on line. Students are responsible for checking their grades to see how they are doing throughout the semester.

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Allocates Time
Allocates Money
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Interpersonal:

Participates as a Member of a Team
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Exercises Leadership
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Technology:

Selects Technology
Applies Technology
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Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

CHEM 1412 — General Chemistry II

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

CHEM 1411 or its equivalent with a grade of C or better.

Course Description

A detailed study of chemical equilibrium; phase diagrams and spectrometry; acid-base concepts; thermodynamics; kinetics; electrochemistry; nuclear chemistry; an introduction to organic chemistry and descriptive inorganic chemistry. Basic laboratory experiments supporting theoretical principles presented in lecture and introduction of the scientific method, experimental design, chemical instrumentation, data collection and analysis, and preparation of laboratory reports. This course is designed for science majors including pre-med, pre-pharmacy, and pre-engineering. Must be taken with a laboratory section.

THECB Approval Number40.0501.57 03

Statement of Purpose

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- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Lecture Learning Outcomes

Upon successful completion of this course, students will:

1. State the characteristics of liquids and solids, including phase diagrams and spectrometry.
2. Articulate the importance of intermolecular interactions and predict trends in physical properties.
3. Identify the characteristics of acids, bases, and salts, and solve problems based on their quantitative relationships.
4. Identify and balance oxidation-reduction equations, and solve redox titration problems.
5. Determine the rate of a reaction and its dependence on concentration, time, and temperature.
6. Apply the principles of equilibrium to aqueous systems using LeChatelier's Principle to predict the effects of concentration, pressure, and temperature changes on equilibrium mixtures.
7. Analyze and perform calculations with the thermodynamic functions, enthalpy, entropy, and free energy.
8. Discuss the construction and operation of galvanic and electrolytic electrochemical cells, and determine standard and non-standard cell potentials.
9. Define nuclear decay processes.
10. Describe basic principles of organic chemistry and descriptive inorganic chemistry.

Lab Learning Outcomes

Upon successful completion of this course, students will:

1. Use basic apparatus and apply experimental methodologies used in the chemistry laboratory.
2. Demonstrate safe and proper handling of laboratory equipment and chemicals.
3. Conduct basic laboratory experiments with proper laboratory techniques.
4. Make careful and accurate experimental observations.
5. Relate physical observations and measurements to theoretical principles.
6. Interpret laboratory results and experimental data, and reach logical conclusions.
7. Record experimental work completely and accurately in laboratory notebooks and communicate experimental results clearly in written reports.
8. Design fundamental experiments involving principles of chemistry and chemical instrumentation.
9. Identify appropriate sources of information for conducting laboratory experiments involving principles of chemistry.

In addition, this course will meet the specific learning outcomes that follow:

1. XXXXXXXXXXXXXXXXXXXX
2. XXXXXXX
3. XXXXXXXXXXXXXXXXXXXX
4. XXXXXXXXXXXXXXXXXXXX
5. ETC., if any.....

Methods of Evaluation

1. Chapter Exams (50 % of total grade)
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2. Participation grade. (15% of total grade). Includes:
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Reasoning

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Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

COSC 1301 — Introduction to Computing

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Overview of computer systems—hardware, operating systems, and microcomputer application software, including the Internet, word processing, spreadsheets, presentation graphics, databases, and programming concepts with emphasis on critical thinking/problem solving. Current issues such as the effect of computers on society, and the history and use of computers in business, educational, and other modern settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Course requires Microsoft Office 2007 or 2010 Professional software, which includes Word, Excel, Access and PowerPoint.

THECB Approval Number11.0101.51.07

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify the basic components of a computer system.
2. Explain basic Internet functions.
3. Demonstrate basic understanding of commonly used applications.
4. Explain the impact of computers on society and explore computer careers.
5. Identify fundamental programming structures and demonstrate proficiency in basic operating system functions.
6. Explain how Networks work.
7. Explore computer careers.

Methods of Evaluation

Grades to be determined in accordance with the following:

Projects=50%, Participation/Attendance=20%, Assignments=30%

Grade Points	Grade
90-100	A
80-89	B
70-79	C
60-69	D
59 and lower	F

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Personal Qualities:

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Self-Esteem
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Self-Management
Integrity/Honesty

CRIJ 2314 — Criminal Investigation

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Investigative theory; collection and preservation of evidence; sources of information; interview and interrogation; uses of forensic sciences; and case and trial preparation.

THECB Approval Number43.0104.55.24

Learning Objectives and Outcomes

Upon successful completion of this course, students will:

1. Be aware of basic fundamentals in criminal investigations
2. Have knowledge of processing and obtaining information & evidence
3. Familiarity in dealing with crimes against persons
4. Have knowledge for handling property crimes
5. Be able to define terrorism

Methods of Evaluation

Category	Percentage
Exams	30%
Quizzes	20%
Paper	15%
Presentation	15%
Participation	20%
Total	100%
Grade Scale	Percentage
A	100% - 90%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	Below 60%

In spite of the grading scale, the student's grade is subjective, meaning that the instructor can influence the student's final grade based on the student's performance, attendance, actions and preparation in class.

Exams (30%): As a part of CJ1306 students will be required to take FOUR (4) regular exams scheduled throughout the semester. Each exam will cover the lectures, readings and class discussions. Students will be required to take a final exam on the date provided by the college. The final exam will cover the material studied in class, in the lectures, and in the readings prior to the final exam. It will not be comprehensive. The final exam date is set by the college and cannot not be given early without permission form the Vice-President of Academic affairs. The final exam will be closed book and closed notes meaning the student may not use any form of medium for the exam

Quizzes (20%): There will be approximately 2-4 pop quizzes. The questions will cover the chapter that will be discussed on said evening. So be sure to read the material prior to class.

Paper (15%): As a part of CJ 1306 student will be required to write a 2-4 page paper. Topic will be discussed in class. The paper must be typed.

Presentation (15%): Students are required to give a 5-10 minute oral presentation of their paper.

Participation (20%): As a part of CJ1306 students will be required to participate in class activities and discussion.

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Systems:

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Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

CSME 1310 — Introduction to Haircutting and Related Theory

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite and/or Corequisite:

Consult Coordinator of Cosmetology for corequisites: CSME 1443, 1505 and 1553.

Course Description

Introduction to the theory and practice of hair cutting. Topics include terminology, implements, sectioning and finishing techniques.

THECB Approval Number12.0407.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify terminology and practice basic workplace competencies related to haircutting and finishing techniques.
2. Demonstrate use of implements, sectioning, haircutting, and finishing skills.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
Total	100%

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Class Attendance

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1330 — Orientation to Nail Technology

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite and/or Corequisite:

Consult Coordinator of Cosmetology

Course Description

An overview of the fundamental skills and knowledge necessary for the field of nail technology.

THECB Approval Number12.0410.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Demonstrate professional ethics, safety, sanitation and sterilization.
2. Explain the laws and rules of the state licensing agency.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
Total	100%

Academic Honesty and Integrity

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1431 — Principles of Nail Technology I

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Consult Coordinator of Cosmetology; Corequisite: CSME 1330

Course Description

A course in the principles of nail technology. Topics include anatomy, physiology, theory, and skills related to nail technology. Students will identify and explain the basic anatomy and physiology of the hands, arms, and feet, and demonstrate the related skills of manicuring and pedicuring.

THECB Approval Number12.0410.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify and explain the basic anatomy and physiology of the hands, arms, and feet.
2. Practice the related skills of manicuring, pedicuring, and nail enhancement.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
Total	100%

Academic Honesty and Integrity

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1434 — Cosmetology Instructor I

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Permission of Instructor

Course Description

The fundamentals of instructing cosmetology students. Classroom/clinic management; design teaching methodologies and implement lesson plans.

THECB Approval Number12.0413.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Demonstrate classroom and clinic management.
2. Design teaching and methodologies.
3. Implement lesson plans.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
Total	100%

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Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1435 — Orientation to the Instruction of Cosmetology

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Permission of Instructor

Course Description

An overview of the skills and knowledge necessary for the instruction of cosmetology students. Students will identify the rules and regulations of the school, department, and state; discuss teaching methodologies and lesson plan development.

THECB Approval Number12.0413.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify the laws and rules of the state licensing agency.
2. Explain teaching methodologies.
3. Explain lesson plan development.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
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Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1441 — Principles of Nail Technology II

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Corequisite: CSME 1431

Course Description

A continuation of the concepts and principles of nail technology. Topics include advanced instruction in anatomy, physiology, theory, and related skills of nail technology. Students will exhibit the skills mandated by the Texas Department of Licensing and Regulation license examination; demonstrate professional ethics and salon management; and develop client relation and related skills.

THECB Approval Number12.0410.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Perform the skills required by the state licensing agency.
2. Demonstrate professional ethics and salon management.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
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Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1443 — Manicuring & Related Theory

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Consult Director of Cosmetology

Course Description

Presentation of the theory and practice of nail technology. Topics include terminology, application, and workplace competencies related to nail technology. Identify terminology related to nail technology; demonstrate the proper application of nail technology; and exhibit workplace competencies in nail technology.

THECB Approval Number12.0410.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify terminology related to nail services.
2. Demonstrate the basic procedures of nail services.
3. Practice workplace competencies in nail services.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
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Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1447 — Principles of Skin Care/Facials and Related Theory

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Consult Director of Cosmetology; Corequisites: CSME 2310, 2337 and 2501.

Course Description

In-depth coverage of the theory and practice of skin care, facials, and cosmetics.

THECB Approval Number12.0409.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify the terminology related to the skin, products, and treatments
2. Demonstrate the proper application related to skin care and cosmetics
3. Practice workplace competencies in skin care and cosmetics.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
Total	100%

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Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1505 — Fundamentals of Cosmetology

Frank Phillips College

General Course Information

Credit Hours: 5

Prerequisite and/or Corequisite:

Consult Director of Cosmetology; Corequisites: CSME 1443, 1310, and 1553.

Course Description

A course in the basic fundamentals of cosmetology. Topics include service preparation manicure, facial, chemical services, shampoo, haircut, wet styling, comb out, and salon management.

THECB Approval Number12.0401.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify fundamental concepts related to skills required by the Texas Department of Licensing and Regulation (TDLR).
2. Demonstrate required skills that meet TDLR standards.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
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Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 1553 — Chemical Reformation & Related Theory

Frank Phillips College

General Course Information

Credit Hours: 5

Prerequisite and/or Corequisite:

Consult Coordinator of Cosmetology; Corequisites: CSME 1443, 1310, and 1505.

Course Description

Presentation of the theory and practice of chemical reformation. Topics include terminology, application, and workplace competencies related to chemical reformation.

THECB Approval Number12.0407.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify terminology related to chemical reformation.
2. Demonstrate the proper application.
3. Exhibit workplace competencies related to chemical reformation.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
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Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 2310 — Intermediate Haircutting & Related Theory

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite and/or Corequisite:

Consult Director of Cosmetology; Corequisites: CSME 1447, 2337, and 2501.

Course Description

Advanced concepts and practice of haircutting. Topics include haircuts utilizing scissors, razor, and/or clippers.

THECB Approval Number12.0407.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify terminology and demonstrate work place competencies related to advanced haircutting and finishing techniques.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
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Uses Computers to Process Information

Interpersonal:

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Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

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Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 2337 — Advanced Cosmetology Techniques

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite and/or Corequisite:

Consult Director of Cosmetology; Corequisites: CSME 1447, 2310, and 2501.

Course Description

Mastery of advanced cosmetology techniques including hair designs, professional cosmetology services, and workplace competencies.

THECB Approval Number12.0401.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Create a variety of hair designs; perform professional cosmetology services; and demonstrate workplace competencies.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
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Information:

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Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

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Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

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Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

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Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 2415 — Cosmetology Instructor III

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Permission of Instructor

Course Description

Presentation of lesson plan assignments and evaluation techniques. Students will develop and present lesson plans and evaluation techniques used in a cosmetology program.

THECB Approval Number12.0413.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Develop and present lesson plans and the use of multi-media technology.
2. Present evaluation techniques used in a cosmetology program.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 2430 — Nail Enhancement

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Consult Director of Cosmetology

Course Description

A course in the theory, application, and related technology of artificial nails. Student will demonstrate product knowledge and the application of artificial nails and exhibit competencies as related to the state licensing examination.

THECB Approval Number12.0410.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Demonstrate product knowledge and the application of artificial nails and practice competencies as related to the state licensing examination.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
Total	100%

Academic Honesty and Integrity

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 2445 — Instructional Theory and Clinic Operation

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite and/or Corequisite:

Permission of Instructor; Consult Coordinator of Cosmetology

Course Description

An overview of the objectives required by the Texas Department of Licensing and Regulation Instructor Examination. Covers the skills required for the completion of the Texas Department of Licensing and Regulation curriculum including the management of a lab/clinic in a cosmetology program and classroom management skills.

THECB Approval Number12.0413.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Demonstrate the skills required for the completion of the state licensing agency's curriculum including the management of a lab/clinic in a cosmetology program and classroom management skills.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
Final written & practical evaluations	25%
Total	100%

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Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 2501 — Principles of Hair Coloring and Related Theory

Frank Phillips College

General Course Information

Credit Hours: 5

Prerequisite and/or Corequisite:

Consult Director of Cosmetology; Corequisites: CSME 1447, 2310, and 2337.

Course Description

Presentation of the theory and practice of hair color and chemistry. Topics include terminology, application, and workplace competencies related to hair color and chemistry.

THECB Approval Number12.0407.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify terminology
2. Demonstrate hair color application.
3. Practice workplace competencies related to hair color.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
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Information:

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Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

CSME 2539 — Advanced Hair Design

Frank Phillips College

General Course Information

Credit Hours: 5

Prerequisite:

Completion of CSME 1505 with a grade of C or better.

Course Description

Advanced concepts in the theory and practice of hair design.

THECB Approval Number12.0407.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify terminology
2. Demonstrate proper techniques related to hair design.
3. Exhibit workplace competencies.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
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Interpersonal:

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Teaches Others

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Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

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Problem Solving

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Basic Skills:

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Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

**CSME 2541 — Preparation for Texas Cosmetology Examination
(Preparation for State Licensing Examination)
Frank Phillips College**

General Course Information

Credit Hours: 5

Prerequisite and/or Corequisite:

CSME 1443, 1310, 1447, 1505, 1553, 2310, 2337, 2501, and 2539, with grades of C or better.

Course Description

Preparation for the state licensing examination. (The student will exhibit the skills required for the completion of the Texas Cosmetology practical exam; and complete the theory curriculum for the Texas Department of Licensing and Regulation theory examination.) * Capstone course.

THECB Approval Number12.0401.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

Demonstrate the skills and knowledge required for completion of the state licensing examination.

Methods of Evaluation

Category	Percentage
Weekly individual practical sheets, including a daily sanitation grade.	
Practical sheets	12.5%
Daily sanitation grade	12.5%
Written assignments including computer assignments	25%
Attendance	25%
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Allocates Material & Facility Resources

Information:

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Uses Computers to Process Information

Interpersonal:

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Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

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Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

DFTG 1325 — Blueprint Reading and Sketching

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

None

Course Description

A study of industrial blueprints. Emphasis placed on terminology, symbols, graphic description and welding processes, including systems of measurement and industry standards. Interpretation of plans and drawings used by industry.

THECB Approval Number15.1301.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify weld symbols.
2. Identify and demonstrate the various types of lines, dimensions, scales and views of blue prints used in industry and construction including,
3. Recognize and interpret engineering drawings.
4. Perform pipe fitter math including measurements from isometric piping drawings.
5. Draw sketches of objects and pipe isometrics.
6. Locate areas and equipment from detailed drawings and prints.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F
Attendance Percentage	Grade
90 – 100	100
80 – 90	90
70 – 80	80
60 – 70	70
0 – 60	50

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- Academic suspension

Class Attendance*

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Welding Program Attendance Requirements*

Attendance at all class sessions is expected of all students. This is a significant part of instilling a good work ethic for future employers. For this reason if a student must be absent for any reason he/she will be required to notify a welding instructor(s) as soon as practical for each absence and its reason. If a student is absent from class for four unexcused absences they will be placed on the "Attendance Probation List" for the Welding Program. After six unexcused absences the student will be administratively withdrawn from the entire welding program.

Cell Phones and Other Electronic Devices Procedure:

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ECON 2301 — Principles of Macroeconomics

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.

THECB Approval Number45.0601.51.25

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Social and Behavioral Sciences Courses

Courses in this category focus on the application of empirical and scientific methods that contribute to the understanding of what makes us human.

Courses involve the exploration of behavior and interactions among individuals, groups, institutions, and events, examining their impact on the individual, society, and culture.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Explain the role of scarcity, specialization, opportunity cost and cost/benefit analysis in economic decision-making.
2. Identify the determinants of supply and demand; demonstrate the impact of shifts in both market supply and demand curves on equilibrium price and output.
3. Define and measure national income and rates of unemployment and inflation.
4. Identify the phases of the business cycle and the problems caused by cyclical fluctuations in the market economy.
5. Define money and the money supply; describe the process of money creation by the banking system and the role of the central bank.
6. Construct the aggregate demand and aggregate supply model of the macro economy and use it to illustrate macroeconomic problems and potential monetary and fiscal policy solutions.
7. Explain the mechanics and institutions of international trade and their impact on the macro economy.
8. Define economic growth and identify sources of economic growth.

In addition, this course will meet the specific learning outcomes that follow:

1. Use key terms, important arguments, and major concepts in when discussing economics issues.
2. Describe a general view of how the United States Economy operates.
3. Explain the mechanics of the market system and the forces and variables of supply and demand.
4. Express a basic understanding of the features of a mixed economy and the effects of social insurance and business regulation on capitalism.
5. Show a basic understanding of the economic models which distinguish between several sectors of the economy such as households, business firms, government, finance, and international trade.
6. Explain the idea of using tradeoffs between different economic concepts to accomplish goals and to understand why they are necessary.
7. Describe the role of government in the establishment of fiscal policy and the complexities of budgetary policies.
8. Discuss the nature of money and the role of financial institutions in the United States.

Methods of Evaluation

Group Methods of Evaluation (Econ2301)

Category	Percentage
Attendance & participation	10 %
Homework/writing/articles	20 %
Quizzes/tests/Exams	30 %
Final Exam	40 %
Total	100%

Academic Honesty and Integrity

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Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
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Basic Skills:

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Systems:

Understands Systems
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Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ECON 2302 — Principles of Microeconomics

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

An analysis of the behavior of individual economic agents, including consumer behavior and demand, producer behavior and supply, price and output decisions by firms under various market structures, factor markets, market failures, and international trade.

THECB Approval Number45.0601.51.25

Statement of Purpose

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Core Objectives Required for Social and Behavioral Sciences Courses

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- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Explain the role of scarcity, specialization, opportunity cost and cost/benefit analysis in economic decision-making.
2. Identify the determinants of supply and demand; demonstrate the impact of shifts in both market supply and demand curves on equilibrium price and output.
3. Summarize the law of diminishing marginal utility; describe the process of utility maximization.
4. Calculate supply and demand elasticities, identify the determinants of price elasticity of demand and supply, and demonstrate the relationship between elasticity and total revenue.
5. Describe the production function and the Law of Diminishing Marginal Productivity; calculate and graph short-run and long-run costs of production.
6. Identify the four market structures by characteristics; calculate and graph the profit maximizing price and quantity in the output markets by use of marginal analysis.
7. Determine the profit maximizing price and quantity of resources in factor markets under perfect and imperfect competition by use of marginal analysis.
8. Describe governmental efforts to address market failure such as monopoly power, externalities, and public goods.
9. Identify the benefits of free trade using the concept of comparative advantage.

In addition, this course will meet the specific learning outcomes that follow:

1. To become familiar with the key terms, important arguments, and major concepts in economics.
2. To develop a general view of how the United States Economy operates.
3. To learn the mechanics of the market system and the forces and variables of supply and demand.
4. To develop a basic understanding of the economic models which distinguish between several sectors of the economy such as households, business firms, government, finance, and international trade.
5. To develop an understanding of idea of using tradeoffs between different economic concepts to accomplish goals and to understand why they are necessary.
6. To develop an understanding of the role of government in the establishment of fiscal policy and the complexities of budgetary policies.
7. To develop an understanding of the nature of money and the role of financial institutions in the United States.

Methods of Evaluation

Group Methods of Evaluation (Econ2302)

Category	Percentage
Class Participation	10 %
Homework/writing/articles	20 %
Quizzes	20 %
Exams	30%
Final Exam	20 %
Total	100%

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Reasoning

Systems:

Understands Systems
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Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

EDUC 1200 — Learning Framework

Frank Phillips College

General Course Information

Credit Hours: 2

Prerequisite

30 hours of college-level credit

Course Description

A study of the: research and theory in the psychology of learning, cognition, and motivation; factors that impact learning, and application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. (*Cross-listed as PSYC 1200*)

THECB Approval Number42.2701.51.25

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Analyze, synthesize and evaluate his/her assessment results in the areas of
 - a) Learning Styles (preference) and Multiple Intelligences
 - b) Study and learning skills
 - c) Personality development as related to learning
 - d) Motivation
 - e) Self-discipline and self-management behaviors
 - f) Reading skills
 - g) Writing skills
 - h) Critical thinking skills.
2. Demonstrate comprehension and application of
 - a) Learning, cognitive, and motivational theory
 - b) Characteristics of successful adult learners
3. Demonstrate the ability to apply learning concepts to his/her university experience.

Methods of Evaluation

Grades to be determined in accordance with the following:

Category	Percentage
Exams	20%
Assignments/Projects	20%
Resume/Cover Letter/References	20%
Interview	20%
Job Shadow	20%
Total	100%
Grade Points	
90-100	A
80-89	B
70-79	C
60-69	D
59 and lower	F

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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

EDUC 2301 — Introduction to Special Populations

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Completion of EDUC 1301 with a grade of C or better.

Course Description

An enriched, integrated pre-service course and content experience that:

- 1) Provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic and academic diversity, and equity with an emphasis on factors that facilitate learning;
- 2) Provides students with opportunities to participate in early field observations of P-12 special populations;
- 3) Should be aligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities standards;
- 4) must include a minimum of 16 contact hours of field experience in P-12 classrooms with special populations; and
- 5) Pre-requisite for this course is EDUC 1301.

(An education course that introduces students to the special education students and prepares the student interested in a teaching career for the classroom. Content includes characteristics, problems, and the needs of the exceptional learner as well as public and private services available to the handicapped citizen. Course includes a 36-hour lab commitment with minimum of 16 hours that must be in EC-12 schools.)

THECB Approval Number13.1001.51.09

Learning Outcomes

The purpose of this course is to provide students with a) information about the teaching profession and b) opportunities to observe professional teachers in their teaching environments.

After studying the material presented in this course, the student will be able to demonstrate the following:

(All objectives are taken directly from State Board of Educator Certification Standards for Professional Development EC-12 and EC-12 Special Education).

1. The implications of student's developmental characteristics for planning appropriate instruction
2. Cultural and socioeconomic differences and the significance of these differences for instructional planning

3. The importance of developing instructional goals and objectives that are suitable for students with varied learning needs
4. The importance of creating a learning environment in which diversity and individual differences are respected
5. The importance of communicating enthusiasm for learning
6. The necessity of communicating teacher expectations for student learning
7. Current educational terminology and definitions of individuals with disabilities, including professionally accepted classification systems and current incidence and prevalence figures
8. Differing perspectives (e.g., medical, psychological, behavioral, educational) regarding the definitions and etiologies of individuals with disabilities
9. The continuum of placement and services available for individuals with disabilities
10. Rights and responsibilities of parents/guardians, students, teachers and other professionals, and schools as they relate to individual learning needs
11. Ethical practices for confidential communication about individuals with disabilities
12. The collaborative roles of individuals with disabilities, parents/guardians, teachers, and other school and community personnel in planning an individualized program
13. Cognitive, physical, cultural, social, environmental, psychological, and emotional needs of individuals with and without disabilities
14. The educational implications of various disabilities
15. Methods for monitoring the progress of individuals with disabilities
16. The reciprocal nature of assessment and instruction and how to evaluate assessment results to design, monitor, and modify instruction for individuals with disabilities
17. How to use Individual Educational Plan (IEP) objectives to plan educational setting and instruction
18. Teacher attitudes and behaviors that positively or negatively influence the behavior of individuals with disabilities

Methods of Evaluation

Category	Percentage
On-line assignments	25%
Observation Time (16 hours) and Journal	25%
Assessments (3 Projects)	25%
Class Discussion/Quizzes/Assignments	25%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ELPT 1341 — Motor Control

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

A study of the operating principles of motors and motor controls and their practical application. Topics include single-phase and three-phase motors, motor starters, braking, jogging, plugging, safety interlocks, specialized motor controls, and motor control equipment.

THECB Approval Number 46.0301.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Understand the theory of and application of various types of single-phase motors.
2. Understand the principles of various types of three-phase motors.
3. Understand manual and magnetic motor starters.
4. Understand the different types of three-phase motor starters.
5. Understand the characteristics, advantages, and disadvantages of motor control centers, and have a basic knowledge of their installation.
6. Understand basic control panel wiring and the various components used.
7. Understand the differences of equipment for hazardous locations.
8. Understand and demonstrate basic troubleshooting for AC motors.
9. Understand maintaining three-phase motors.

Methods of Evaluation

Category	Percentage
Lab/Classroom Participation & Homework	40%
Attendance & Punctuality	10%
Midterm exam	25%
Final exam	25%
Total	100%
Grading Scale	
100 – 90%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
Below 60	F

Academic Honesty and Integrity

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- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Cell Phones and Other Electronic Devices Procedure:

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Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

ELPT 2347 — Electrical Testing & Maintenance

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

Skills development in the proper and safe use of electrical test equipment and the interpretation of test results. Topics of study include introduction to various types of electrical test equipment and their use, electrical troubleshooting the various electrical systems and devices in and industrial location.

THECB Approval Number 46.0301.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Understand the principles of meter operation.
2. Understand and demonstrate the safe use of various types of electrical testing equipment on power and control circuits.
3. Understand and demonstrate the basic operation of an oscilloscope.
4. Understand basic troubleshooting using building drawings.
5. Troubleshoot lighting systems.
6. Understand and demonstrate the knowledge of various types of electrical control devices and their application.
7. Understand insulation testing of motors and cables using a Megger.
8. Understand and demonstrate troubleshooting using electrical schematics.
9. Understand and demonstrate troubleshooting motor starters.
10. Understand and demonstrate knowledge of transformer principles, applications, and maintenance.

Methods of Evaluation

Category	Percentage
Lab/Classroom Participation & Homework	40%
Attendance & Punctuality	10%
Midterm exam	25%
Final exam	25%
Total	100%
Grading Scale	
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Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

ENGL 0311 — Basic English

Frank Phillips College

General Course Information

Credit Hours: 3

College-Preparatory Course

Prerequisite

Students who have not passed the Writing Section of a TSI approved test may be placed in this course. Please consult with an academic advisor. (Does not count toward a degree.)

Course Description

Intense review of grammatical principles with emphasis on correct usage, spelling, sentence structure, punctuation, and application of writing skills.

THECB Approval Number32.0108.53 12

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Communication Courses

Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively.

Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making

Learning Outcomes:

Upon successful completion of this course, students will:

1. Use Standard English rules of grammar, punctuation, and usage as a corollary to writing;
2. Identify parts of speech, verbals, objects, and complements;
3. Edit sentences for point of view, verb tense, and pronoun agreement;
4. Conjugate verbs, create possessive and plural nouns, and adjust passive voice; and
5. Correct sentences through a rigorous editing and proofreading process.

Methods of Evaluation

Category	Percentage
Lab	20%
Exams	65%
Daily Grades	15%
Total	100%

Academic Honesty and Integrity

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Lab Attendance

Students enrolled in English 0311 are required to spend 30 hours of directed study in the Academic Readiness Center (ARC) or TRIO per semester. Attendance must be electronically documented by using the FPC student ID card.

Cell Phones and Other Electronic Devices Procedure:

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Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ENGL 0312 — Intermediate Writing Skills

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

ENGL 0311 with a grade of C or better or placement by a TSI approved test. Please consult with an academic advisor. (Does not count toward a degree.)

Course Description

A course designed to develop writing skills. Focus is on rhetorical principles, pre-writing, organization, and structure of paragraphs and essays.

THECB Approval Number32.0108.53.12

Statement of Purpose

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Core Objectives Required for Communication Courses

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- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Understand writing as a process;
2. Understand how writing is judged;
3. Use methods of prewriting;
4. Consider audience and purpose;
5. Write effective topic sentences/thesis statements;
6. Understand the revising process;
7. Use effective details and word choices;
8. Develop expository writings;
9. Write essay body paragraphs; and
10. Understand the importance of correctness as corollary to good writing.

Methods of Evaluation

Category	Percentage
Compositions	50%
Lab Assignments	20%
Homework Assignments	20%
Daily Grades	10%
Total	100%

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Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
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Exercises Leadership
Negotiates to Arrive at a Decision
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Technology:

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Basic Skills:

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Reasoning

Systems:

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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ENGL 0315 — Basic Reading

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Students who have not passed the Reading Section of a TSI approved test may be placed in this course. Please consult with an advisor. (Does not count toward a degree.)

Course Description

A guided reading program using multifunctional instructional materials to develop skills and fluency in vocabulary, comprehension, and reading speed. Continuous testing and immediate scoring give the student evaluation of his/her progress.

THECB Approval Number32.0108.52.12

Statement of Purpose

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Core Objectives Required for Communication Courses

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Learning Outcomes

Upon successful completion of this course, students will:

1. Develop skills and fluency in vocabulary, comprehension, and reading rate;
2. Develop basic study skills;
3. Use content clues and word structures to develop vocabulary and comprehension;
4. Apply effective pre- and post- reading strategies;
5. Recognize the building-block relationship among topics, main ideas, and supporting details;
6. Annotate while reading and to create a summary from annotations;
7. Use outlines and/or concept maps to show relationships among ideas in a passage;
8. Recognize fundamental and complex thought patterns and sign words identifying these patterns;
9. Recognize the connection between reading and writing; and
10. Develop critical reading strategies for interpreting and evaluating material.

Methods of Evaluation

Category	Percentage
Reading/Tests	50%
Lab (2+hours per week)	25%
Vocabulary	15%
Daily Work/Attendance	10%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ENGL 0316 — Reading Techniques

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

ENGL 0315 with a grade of C or better or placement by a TSI approved test. Please consult with an academic advisor. (Does not count toward a degree.)

Course Description

A program using multifunctional instructional materials to improve reading proficiency, comprehension, and general study skills. A program to help develop skills for reading college-level textbooks in all disciplines.

THECB Approval Number32.0108.52.12

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Communication Courses

Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively.

Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making

Learning Outcomes:

Upon successful completion of this course, students will:

1. Further develop study skills;
2. Recognize new learning strategies by identifying individual learning styles;
3. Master effective vocabulary through use in context, definitions, and sentence skills;
4. Apply pre- and post- reading strategies;
5. Recognize the building block relationships among topics, main ideas, and supporting details;
6. Annotate while reading and to create summaries from annotations;
7. Use outlines and/or concept maps to show relationships among ideas in a passage;
8. Recognize fundamental and complex thought patterns and signal words identifying these patterns; and
9. Recognize the connection between reading and writing.

Methods of Evaluation

Category	Percentage
Exams/Projects	50%
Lab (2 hours per week)	25%
Vocabulary	15%
Attendance	10%
Total	100%

Academic Honesty and Integrity

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Class Attendance

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Allocates Material & Facility Resources

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Technology:

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Applies Technology
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Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ENGL 1301 — Composition I

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Writing and Reading sections of a TSI approved test or completion of ENGL 0312 and ENGL 0316 with grades of C or better.

Course Description

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

THECB Approval Number23.1301.51 12

Statement of Purpose

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Core Objectives Required for Communication Courses

Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively.

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- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Demonstrate knowledge of individual and collaborative writing processes.
2. Develop ideas with appropriate support and attribution.
3. Write in a style appropriate to audience and purpose.
4. Read, reflect, and respond critically to a variety of texts.
5. Use Edited American English in academic essays.

In addition, this course will meet the specific learning outcomes that follow:

1. Identify and integrate the basic mechanics of writing. These include:
 - a. Focus and purpose
 - b. Development
 - c. Organization
 - d. Style and tone
 - e. Editing
2. Identify and critique the purpose of a variety of written texts such as letters, memos, and essays.
3. Compose a variety of texts using the basic mechanics of writing effectively.
4. Construct and practice a personal writing process, which includes revision.
5. Evaluate and express personal progress in writing and this course overall.
6. Outline reading strategies that create self-sufficiency in a reading experience. These include:
 - a. Identifying unknown words and ideas through context.
 - b. Identifying unknown words and ideas through references.
 - c. Applying knowledge gained through contextual and referential practices.
7. Identify, analyze, and use textual information to determine the techniques and mechanics of an author.
8. Express verbally and through writing evaluations and analyses of textual information, techniques and mechanics of an author.
9. Develop, plan, and practice useful and effective research techniques and processes. These include:
 - a. Evaluation
 - b. Analysis
 - c. Synthesis
 - d. Note taking
 - e. Record keeping
 - f. Proper citation

Methods of Evaluation

Category	Percentage
Formal Composition/ Projects	70%
Weekly/ Daily Assignments and Activities	10%
Style Book	20%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
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Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
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Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ENGL 1302 — Composition II

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Writing and Reading sections of a TSI approved test and completion of ENGL 1301 or its equivalent with a grade of C or better.

Course Description

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

THECB Approval Number 23.1301.51.12

Statement of Purpose

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Core Objectives Required for Communication Courses

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Learning Outcomes:

Upon successful completion of this course, students will:

1. Demonstrate knowledge of individual and collaborative research processes.
2. Develop ideas and synthesize primary and secondary sources within focused academic arguments, including one or more research-based essays.
3. Analyze, interpret, and evaluate a variety of texts for the ethical and logical uses of evidence.
4. Write in a style that clearly communicates meaning, builds credibility, and inspires belief or action.
5. Apply the conventions of style manuals for specific academic disciplines (e.g., APA, CMS, MLA, etc.)

In addition, this course will meet the specific learning outcomes that follow:

1. To clarify purpose and audience in written communication;
2. To identify writing as a process and practice that process of connected and interactive pre-writing and invention, writing, revision, editing, and proofreading;
3. expository, narrative, persuasive, and self-expressive, in writing assignments;
4. To write effective sentences using unity, parallelism, emphasis, and variety;
5. To understand the concepts of the particular and the universal in literature;
6. To develop and sharpen analytical reading and writing skills;
7. To develop a discernible, individual writing style;
8. To recognize and use basic compositional strategies of introduction, development, and conclusion;
9. To develop and utilize critical thinking skills in the development of exposition argument; and
10. To write about literature in a variety of modes in a way that sequentially and cumulatively builds upon the writing skills developed in the writing sequence.

Methods of Evaluation

Category	Percentage
Daily/ Weekly Assignments and Activities	20%
Formal Writing	70%
Final Project	10%
Total	100%

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Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ENGL 2332 — World Literature I

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Completion of ENGL 1302 or its equivalent **or** ENGL 2311 or its equivalent with a grade of C or better.

Course Description

A survey of world literature from the ancient world through the sixteenth century. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

THECB Approval Number16.0104.52.13

Statement of Purpose

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Core Objectives Required for Language, Philosophy & Culture Courses

Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination.

Courses involve the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Identify key ideas, representative authors and works, significant historical or cultural events, and characteristic perspectives or attitudes expressed in the literature of different periods or regions.
2. Analyze literary works as expressions of individual or communal values within the social, political, cultural, or religious contexts of different literary periods.
3. Demonstrate knowledge of the development of characteristic forms or styles of expression during different historical periods or in different regions.
4. Articulate the aesthetic principles that guide the scope and variety of works in the arts and humanities.
5. Write research-based critical papers about the assigned readings in clear and grammatically correct prose, using various critical approaches to literature.

In addition, this course will meet the specific learning outcomes that follow:

1. Reinforce and develop the writing skills developed in the writing composition sequence.
2. Develop a greater understanding of literature, the distinguishing features of major literary genres, and various methods to analyze literature.
3. Make and defend critical and evaluative judgments about literary texts. Understand the critical contexts within which literature is created and evaluated, e. g., biographical, cultural, and historical.
4. Analyze works of literature for what they suggest about the historical period and cultural contexts in which they were written.
5. Analyze applicable figurative language in literary texts.
6. Read a wide variety of texts from American, European, and/or world literature.
7. Analyze and compare the use of language in literary works from a variety of world cultures.
8. Explain how literary and other texts evoke personal experience and reveal character in particular historical circumstances.
9. Describe insights gained about oneself, others, or the world from reading specific texts.

Methods of Evaluation

Category	Percentage
Formal Paper(s) and Projects	80%
Daily Grades	20%
Total	100%

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Thinking Skills:

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Knowing How to Learn
Reasoning

Technology:

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Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

ENGL 2333 — World Literature II

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Completion of ENGL 1302 or its equivalent **or** ENGL 2311 or its equivalent with a grade of C or better.

Course Description

A survey of world literature from the seventeenth century to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

THECB Approval Number16.0104.52.13

Statement of Purpose

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Core Objectives Required for Language, Philosophy & Culture Courses

Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination.

Courses involve the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Identify key ideas, representative authors and works, significant historical or cultural events, and characteristic perspectives or attitudes expressed in the literature of different periods or regions.
2. Analyze literary works as expressions of individual or communal values within the social, political, cultural, or religious contexts of different literary periods.
3. Demonstrate knowledge of the development of characteristic forms or styles of expression during different historical periods or in different regions.
4. Articulate the aesthetic principles that guide the scope and variety of works in the arts and humanities.
5. Write research-based critical papers about the assigned readings in clear and grammatically correct prose, using various critical approaches to literature.

In addition, this course will meet the specific learning outcomes that follow:

1. Reinforce and develop the writing skills developed in the writing composition sequence.
2. Develop a greater understanding of literature, the distinguishing features of major literary genres, and various methods to analyze literature.
3. Make and defend critical and evaluative judgments about literary texts. Understand the critical contexts within which literature is created and evaluated, e. g., biographical, cultural, and historical.
4. Analyze works of literature for what they suggest about the historical period and cultural contexts in which they were written.
5. Analyze applicable figurative language in literary texts.
6. Read a wide variety of texts from American, European, and/or world literature.
7. Analyze and compare the use of language in literary works from a variety of world cultures.
8. Explain how literary and other texts evoke personal experience and reveal character in particular historical circumstances.
9. Describe insights gained about oneself, others, or the world from reading specific texts.

Methods of Evaluation

Category	Percentage
Formal Paper(s)	30%
Project(s)	60%
Daily Grades	10%
Total	100%

Academic Honesty and Integrity

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without the professor's permission, and plagiarism is considered a serious offense and may result in disciplinary actions including:

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- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

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Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

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Important Information

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

**FYIS 0101 — First Year Institute Seminar
(Student Success Course)
Frank Phillips College**

General Course Information

Credit Hours: 1

Course Description

Psychology of learning and success. Examines factors that underlie learning, success, and personal development in higher education. Topics covered include information processing, memory, strategic learning, self-regulation, goal setting, motivation, educational and career planning, and learning styles. Techniques of study such as time management, listening and note taking, text marking, library and research skills, preparing for examinations, and utilizing learning resources are covered. Includes courses in college orientation and developments of students' academic skills that apply to all disciplines.

This is an orientation course designed to initiate the student in best practices for a successful college career. Topics emphasized include time management, study skills, drug and alcohol abuse, and career and life planning. All first semester freshmen must enroll in the course during their first semester of college. A grade of C or better is required, or the student must repeat the course.

THECB Approval Number32.0101.52.12

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Discuss how they are responsible for their experiences in college.
2. Describe ways they can create a successful experience in college.
3. List, describe, and use specific methods to
 - a. Deal with changes in their personal and professional lives;
 - b. Improve the ability to recall information;
 - c. Read a textbook with improved focus and retention;
 - d. Prepare for and take tests successfully;
 - e. Take effective notes;
 - f. Listen, with comprehension, to a lecture;
 - g. Increase motivation and goal-setting skills;
 - h. Use your learning styles and multiple intelligences to best advantage;
 - i. Use your personality typology to best advantage;
 - j. Draw support, advice, and assistance from their peers; and
 - k. Develop a philosophy of career development.
4. Learn and practice how to change inappropriate habits and behaviors.
5. Locate and utilize a variety of library services and resource materials.
6. Improve creative- and critical-thinking skills.

Methods of Evaluation

It is a requirement of this class to acquire a plagiarism certificate and a degree plan to pass. If you do not submit both to your instructor by the end of the class, you will receive an F for the class. You will be given class time to complete both of these assignments.

The actual grade in this class will be determined by class attendance, participation, maintaining your planner, and completing assigned tasks.

You will have the possibility of earning 100 points each day of the class. If you come to class, participate in the activities, and do the requested assignments, you will get 100 points for that day.

If you are absent, you will lose the points for that day unless you are attending a school sponsored event. If attending a school sponsored event, it will be your responsibility to notify the instructor before missing the class and get the makeup assignment from the instructor. If you do not make up the work by the next class day, you will receive no points for the class missed. No other makeup for absences will be allowed. You will be able to miss 3 days and still earn an A if you complete all assigned work.

Grade Points

90-100	A
80-89	B
70-79	C
60-69	D
59 and lower	F

Academic Honesty and Integrity

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- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance*

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*Students are expected to attend class and complete all assigned work. This is a participation class. You must be in class to get credit for the activity. There is no makeup work for this class unless you miss for a school activity. If you are out-of-town for an event, your coach or sponsor will have to notify your instructor of the absence. You will still be responsible for notifying the instructor before the absence and completing an assignment given by the instructor. If you do not do all of these, you will receive an absence for the class and a zero on the assignment for the day.

Cell Phones and Other Electronic Devices Procedure:

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

GEOL 1404 — Historical Geology

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

NA

Course Description

Principles of physical and historical geology. Study of the earth's composition, structure, and internal and external processes. Includes the geologic history of the earth and the evolution of life.

THECB Approval Number40.0601.54.03

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. This course is designed to introduce the student to the processes that shape the face of the earth.
2. The processes include the work of streams, wind, and glaciers.
3. Develop an understanding of how the earth works.
4. Evaluate the contrasting erosion and transport of rock and regolith by running water, flowing glaciers and blowing wind.
5. Have knowledge of the locations the great deserts, lakes, and rivers of the world.

All students will be expected to complete:

1. Confirm Your Knowledge Questions at the end of each chapter.
2. Key Terms at the end of the chapter.
3. Labs, video and lab quizzes, and internet activities.

Methods of Evaluation

Category	Percentage
Test Grades	70%
Homework & Lab/Other Activities	20%
Lecture Final	10%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

GOVT 2304 — Introduction to Political Science

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

Introductory survey of the discipline of political science focusing on the scope, and methods of the field, and the substantive topics in the discipline including the theoretical foundations of politics, political interaction, political institutions and how political systems function.

THECB Approval Number45.1001.52.25

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Government/Political Science Courses

Courses in this category focus on consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on that of Texas.

Courses involve the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Define and apply political terms and concepts.
2. Define political science and identify the subfields.
3. Compare and contrast different political systems and institutions.
4. Apply the methods used to study politics.
5. Critically interpret and analyze contemporary political issues and problems.

In addition, this course will meet the specific learning outcomes that follow:

1. Have an understanding of modern ideologies and political philosophy.
2. To be able to define and describe the modern state and public policy.
3. An ability to describe the relationships between the citizen and the regime.
4. Will be able to identify the effects of institutions in modern governance.
5. Have an understanding of the principles of political analysis.

Methods of Evaluation

Category	Percentage
Participation	20%
Project	35%
Essay(s)	25%
Exam(s)	20%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

Late Work

No student will be allowed to submit any assignment of any kind as late work. Once the due date has passed, then the assignment will not be accepted. There will be no exceptions.

Make-Up Exams and Work

NO STUDENTS WILL BE ALLOWED TO MAKE UP ANY ASSIGNMENT, OR EXAM, UNLESS THE STUDENT HAS BEEN EXCUSED FOR THE FOLLOWING REASONS:

- A. SCHOOL FUNCTIONS AS DEFINED BY FRANK PHILLIPS COLLEGE
- B. DEATH OF AN IMMEDIATE FAMILY MEMBER, (MOM, DAD, BROTHER, SISTER, WIFE, HUSBAND, CHILD)
- C. IF THE STUDENT IS SICK; OUT FOR SICKNESS, AND OR BOTH, THE STUDENT MUST PRESENT A DOCTOR'S NOTE UPON RETURN TO CLASS FOR THE ABSENCES TO BE EXCUSED....(ORIGINAL COPIES

ONLY). ANY ABSENCES NOT COVERED BY THE ORIGINAL DOCTOR'S NOTE WILL NOT BE EXCUSED.

The instructor reserves the right to change the syllabus and class calendar to fit the needs of the class.

GOVT 2305 — Federal Government

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

THECB Approval Number45.1002.51.25

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Government/Political Science Courses

Courses in this category focus on consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on that of Texas.

Courses involve the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Explain the origin and development of constitutional democracy in the United States.
2. Demonstrate knowledge of the federal system.
3. Describe separation of powers and checks and balances in both theory and practice.
4. Demonstrate knowledge of the legislative, executive, and judicial branches of the federal government.
5. Evaluate the role of public opinion, interest groups, and political parties in the political system.
6. Analyze the election process.
7. Describe the rights and responsibilities of citizens.
8. Analyze issues and policies in U.S. politics.

In addition, this course will meet the specific learning outcomes that follow:

1. Student will be able to define "politics" and identify the ways in which people use politics to achieve their goals.
2. Distinguish and illustrate how the setting or circumstances of politics can affect outcomes.
3. Demonstrate the collective action problems faced by the states that led them to willingly surrender some sovereignty to the new national government.
4. To define and describe federalism, the basis for federalism in the Constitution, and its changing character and development.
5. Examine how seemingly minor clauses in the Constitution have served as entry points for large expansions of the power of the national government.
6. To explain the constitutional powers and limitations of major actors in the American political system.
7. To identify the major components of the American political culture and analyze ways this culture influences decision making.
8. Identify ways separation of powers and checks and balances influences decision making in the American system.
9. Identify the roles of the three branches of American government.
10. To study and analyze how Americans gain political socialization.

Methods of Evaluation

Category	Percentage
Exams	40%
Final	20%
Quizzes	20%
Article Review	20%
Total	100%

Academic Honesty and Integrity

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Perryton: (806) 648-1450

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Important Information

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability

Mathematics
Listening& Speaking

Self-Management
Integrity/Honesty

Late Work

No student will be allowed to submit any assignment of any kind as late work. Once the due date has passed, then the assignment will not be accepted. There will be no exceptions.

Make-Up Exams and Work

NO STUDENTS WILL BE ALLOWED TO MAKE UP ANY ASSIGNMENT, OR EXAM, UNLESS THE STUDENT HAS BEEN EXCUSED FOR THE FOLLOWING REASONS:

- A. SCHOOL FUNCTIONS AS DEFINED BY FRANK PHILLIPS COLLEGE
- B. DEATH OF AN IMMEDIATE FAMILY MEMBER, (MOM, DAD, BROTHER, SISTER, WIFE, HUSBAND, CHILD)
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The instructor reserves the right to change the syllabus and class calendar to fit the needs of the class.

GOVT 2306 — Texas Government

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

THECB Approval Number45.1002.51.25

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Government/Political Science Courses

Courses in this category focus on consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on that of Texas.

Courses involve the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Explain the origin and development of the Texas constitution.
2. Describe state and local political systems and their relationship with the federal government.
3. Describe separation of powers and checks and balances in both theory and practice in Texas.
4. Demonstrate knowledge of the legislative, executive, and judicial branches of Texas government.
5. Evaluate the role of public opinion, interest groups, and political parties in Texas.
6. Analyze the state and local election process.
7. Identify the rights and responsibilities of citizens.
8. Analyze issues, policies and political culture of Texas.

In addition, this course will meet the specific learning outcomes that follow:

1. Student will be able to define “politics” and identify the ways in which people use politics to achieve their goals.
2. Distinguish and illustrate how the setting or circumstances of politics can affect outcomes.
3. Demonstrate the collective action problems faced by the states that led them to willingly surrender some sovereignty to the national government.
4. To identify the major components of the American and Texas political culture and analyze ways this culture influences decision making.
5. Identify ways separation of powers and checks and balances influences decision making in the Texas system and differentiate between the federal system and the Texas state system and appraise those differences.
6. Identify the roles of the three branches of Texas government.
7. To study and analyze how American (and, of course, Texans) gain political socialization.
8. Be able to discuss what the effect of being a slave state has had on Texas politics.
9. Compare and contrast the U.S. Constitution and the Texas Constitution. Explain not only what the differences are but to examine the reasons for those differences.
10. State why Texas has been a one party state throughout most of its existence. Identify which party dominated for more than a century following the Civil War and examine the reasons why the state transitioned to the other party in the late twentieth century.

Methods of Evaluation

Category	Percentage
Exam	40%
Final	20%
Reading Quizzes	20%
Article Review	20%
Total	100%

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Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Mathematics
Listening& Speaking

Self-Management
Integrity/Honesty

Late Work

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HIST 1301 – United States History I

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be included: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

THECB Approval Number54.0102.51.25

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for American History Courses

Courses in this category focus on the consideration of past events and ideas relative to the United States, with the option of including Texas History for a portion of this component area.

Courses involve the interaction among individuals, communities, states, the nation, and the world, considering how these interactions have contributed to the development of the United States and its global role.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Create an argument through the use of historical evidence.
2. Analyze and interpret primary and secondary sources.
3. Analyze the effects of historical, social, political, economic, cultural, and global forces on this period of United States history.

In addition, this course will meet the specific learning outcomes that follow:

1. Analyze the interaction between human communities and the environment.
 - a. Explain the emergence of the natives in North America prior to Columbus's discoveries.
2. Analyze how physical and cultural processes have shaped human communities over time.
 - a. Describe the Native American, British, and Spanish cultures during the settlement of North America.
3. Analyze causes and effects of major political, economic, and social changes in the United States and world history.
 - a. Explain the political and economic conditions in America that led to African slavery.
4. Identify and evaluate the strengths and weaknesses of different economic systems.
 - a. Explain the influence of mercantilism on the development of the American colonies.
5. Apply social science methodologies to compare societies and cultures.
 - a. Compare and contrast the governing policies of the British and Spanish empires in the New World.
6. Evaluate different governmental systems and functions.
 - a. Explain the birth of the American government based on Paine's Common Sense, the Declaration of Independence, and the United States Constitution.
7. Explain and evaluate the concepts of race, ethnicity, and nationalism
 - a. Explain how race, ethnicity, and nationalism impacted the War of 1812 and the US/Mexican war.
8. Explain how major philosophical and intellectual concepts influence human behavior or identity.
 - a. Explain how Andrew Jackson's presidency was significantly different than predecessors and describe the impact it had on American society.
9. Analyze how social institutions (e.g., marriage, family, churches, schools) function and meet the needs of society.
 - a. Explain the Second Great Awakening and the impact it had on American society, especially the rise of the abolition movement.
10. Analyze the relationship between geography and the development of human communities.
 - a. Discuss the geographical aspects which led to the differences between the northern and southern societies.
11. Analyze ethical issues in historical, cultural, and social contexts.
 - a. Identify the reasons why the South decided to leave the Union and form the Confederate States of America.

Methods of Evaluation

Face to Face Classes	Percentage
Assignments	30%
Research Papers	15%
Project	15%
Exams	40%
Internet Classes	Percentage
Participation	40%
Homework	40%
Midterm	10%
Final	10%
Hybrid Classes	Percentage
Weekly Assignments	30%
Research Papers	20%
Homework	30%
Final	20%
Dual-Credit Classes	Percentage
Exam I	20%
Exam II	20%
Homework	20%
Research Paper	20%
Final Exam	20%

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Negotiates to Arrive at a Decision
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Selects Technology
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Maintains & Troubleshoots Technology

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Reading
Writing
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Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

HIST 1302 — United States History II

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be included: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

THECB Approval Number54.0102.51.25

Statement of Purpose

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Core Objectives Required for American History Courses

Courses in this category focus on the consideration of past events and ideas relative to the United States, with the option of including Texas History for a portion of this component area.

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- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Create an argument through the use of historical evidence.
2. Analyze and interpret primary and secondary sources.
3. Analyze the effects of historical, social, political, economic, cultural, and global forces on this period of United States history.

In addition, this course will meet the specific learning outcomes that follow:

1. Analyze how various cultural regions have changed over time.
 - a. Explain how the United States government pushed the American Indians west and almost to the point of extinction.
2. Evaluate the causes and effects of human migration patterns over time.
 - a. Identify the shift from an agrarian to an industrial society in the late nineteenth and early twentieth century.
3. Connect regional or local developments to global ones.
 - a. Explain how and why the United States became involved in the Cuban economy in the late nineteenth century and the causes of the Spanish/American War.
4. Distinguish spatial patterns of human communities that exist between or within contemporary political boundaries.
 - a. Explain how and why World War I began and how the United States came to be involved.
5. Explain and evaluate the concept of gender.
 - a. Trace the beginning of the women's movement and explain how women's role in the American society has evolved.
6. Identify and evaluate the strengths and weaknesses of different economic systems.
 - a. Identify the different ways Franklin Delano Roosevelt intervened in the United States marketplace to address the Great Depression.
7. Examine how and why historians divide the past into eras.
 - a. Describe to what extent World War II can be described as a significant turning point in American history for the areas of the Cold War, civil rights, and the international role of the United States.
8. Evaluate changes in the functions and structures of government across time.
 - a. Examine the effects of U.S. court rulings and the Civil Rights Movement, for instance, *Plessy v. Ferguson* and *Brown v. the Board of Education*.
9. Explain and analyze the importance of civil engagement.
 - a. Identify the effect certain players (Rosa Parks, Martin Luther King, Jr., Lyndon Johnson) had on the Civil Rights Movement.
10. Define the concept of socialization and analyze the role of socialization plays in human development and behavior.
 - a. Identify the economic boom in the 1950's and analyze how popular culture (film, television, music) shaped public attitudes.
11. Analyze ethical issues in historical, cultural and social contexts.
 - a. Examine and evaluate America's decisions to get involved in the Vietnam War, including how the war began and the effect it had on American society.

Methods of Evaluation

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Weekly Assignments	30%
Research Papers	15%
Project	15%
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Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

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Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

HIST 2311 — Western Civilization I

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Prerequisite: Completion of HIST 1301 or its equivalent OR HIST 1302 or its equivalent with a grade of C or better.

Course Description

A survey of the social, political, economic, cultural, religious, and intellectual history of Europe and the Mediterranean world from human origins to the 17th century. Themes addressed in Western Civilization I include the cultural legacies of Mesopotamia, Egypt, Greece, Rome, Byzantium, Islamic civilizations, and Europe through the Middle Ages, Renaissance, and Reformations.

THECB Approval Number54.0101.54.25

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for American History Courses

Courses in this category focus on the consideration of past events and ideas relative to the United States, with the option of including Texas History for a portion of this component area.

Courses involve the interaction among individuals, communities, states, the nation, and the world, considering how these interactions have contributed to the development of the United States and its global role.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Create an argument through the use of historical evidence.
2. Analyze and interpret primary and secondary sources.
3. Analyze the effects of historical, social, political, economic, and cultural forces on this period of western history.

In addition, this course will meet the specific learning outcomes that follow:

1. Examine how and why historians divide the past into eras.
 - Students will be able to explain the concept and elements of what historians call Western Civilization.
2. Evaluate the changes in the functions and structures of government across time.
 - Students will be able to explain the causes and results of the Hundred Years War.
3. Analyze the causes and effects of major political, economic, and social changes in U.S. and world history.
 - Students will be able to evaluate, discuss, and define the concept of Renaissance during the birth of modern Europe.
4. Explain the concepts of socioeconomic status and stratification.
 - Students will be able to define the concept class and consider its relationship to race and ethnicity in Western Civilization.
5. Apply social science methodologies to compare societies and cultures.
 - Students will compare and contrast the governing policies of the British, French, and Spanish empires over time, explaining how each sought to sustain order and stability.
6. Identify and evaluate the sources and consequences of social conflict.
 - Students will be able to identify and analyze how different religious values have led to social conflict in different regions of the world.
7. Analyze how social institutions (e.g., marriage, family, churches, schools) function to meet the needs of society.
 - Students will be able to identify the causes and effects of the Reformation.
8. Evaluate different governmental systems and functions.
 - Students will be able to explain the Glorious Revolution and the impact it had in both Europe and North America.
9. Identify and evaluate sources and patterns of change and continuity across time and place.
 - Students will be able to explain the impact of the Industrial Revolution on the West.
10. Analyze the basic functions and structures of international economics.
 - Students will be able to explain the impact that trade wars and colonial rebellions had on the world economy.
11. Evaluate how major philosophical and intellectual concepts influence human behavior and identity.
 - Students will be able to explain the impact of the Enlightenment on Western behavior.

Methods of Evaluation

Face to Face Classes	Percentage
Weekly Assignments	40%
Research Papers	30%
Project	20%
Final Exam	10%
	100%

Academic Honesty and Integrity

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- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Cell Phones and Other Electronic Devices Procedure:

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Perryton: (806) 648-1450

Grievance Policy

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

HITT 1305 — Medical Terminology I

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Introduction to the practical application of medical terminology. Study of word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols, surgical procedures, medical specialties, and diagnostic procedures.

THECB Approval Number51.0707.0000

Learning Outcomes

Upon successful completion of this course, students will:

1. Identify, pronounce, and spell medical terms;
2. Use terms in context;
3. Build and analyze medical terms; and
4. Use medical references as resource tools.

Methods of Evaluation

Category	Percentage
15 Assignments	70%
Final Exam	30%
Total	100%

Academic Honesty and Integrity

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

HUMA 1315 — Fine Arts Appreciation

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

N/A

Course Description

Understanding purposes and processes in the visual and musical arts including evaluation of selected works.

THECB Approval Number50.0101.51.26

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Creative Arts Courses

Courses in this category focus on how ideas, values, beliefs, and other aspects of culture express and affect human experience.

Courses involve the synthesis and interpretation of artistic expression and enable critical, creative, and innovative communication about the works of art.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Evaluate the change and evolution of aesthetic standards.
2. Outline and critique attributes that make a work of art influential through time and across genres.
3. Deconstruct the cultural and historical context of a piece of art.
4. Produce artistic work and critique personal artistic process.
5. Create personal aesthetic criteria for various artistic texts and consciously apply these criteria.

Methods of Evaluation

Methods of instruction include lectures, discussions, collaborative work, one-to-one conferences, and audio-video. Evaluation is based on written assignments, projects, reading assignments, class participation, and the final exam.

See the instructor's Humanities 1315 Assignment document for detailed assignment instructions, grading rubrics, due dates, and submission policies.

Category	Percentage
Projects	45
Final Exam	15
Journals	20
Daily Grades	20
Total	100%

Academic Honesty and Integrity

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- Academic suspension

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
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Problem Solving
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Knowing How to Learn
Reasoning

Systems:

Understands Systems
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Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

HUMA 1315 — Fine Arts Appreciation Frank Phillips College

General Course Information

Credit Hours: 3
General Education Core Curriculum Course
COURSE NAME/NUMBER: HUMA 1315Lec03: Fine Arts
Appreciations
INSTRUCTOR NAME: Mr. Bryant Manning
MEETING TIME & ROOM #: Tuesday & Thurs: 11: 20am –
12:35am, FA-FA26

OFFICE LOCATION: CLC-22
OFFICE HOURS: M 1:30 – 4:00, T 9:45 – 11:15 W 2-5, 6-6:45, Th
9:45 – 11:15, 12:45 – 1:30
BUSINESS PHONE: 806-457-4200 (ext. 729)

EMAIL ADDRESS: CAMS (preferred contact)

Prerequisite

N/A

Course Description

Understanding purposes and processes in the visual and musical arts including evaluation of selected works.

THECB Approval Number50.0101.51.26

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Creative Arts Courses

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Learning Outcomes

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3. Deconstruct the cultural and historical context of a piece of art.
4. Produce artistic work and critique personal artistic process.
5. Create personal aesthetic criteria for various artistic texts and consciously apply these criteria.

Methods of Evaluation

Methods of instruction include lectures, discussions, collaborative work, one-to-one conferences, and audio-video. Evaluation is based on written assignments, projects, reading assignments, class participation, and the final exam.

See the instructor's Humanities 1315 Assignment document for detailed assignment instructions, grading rubrics, due dates, and submission policies.

Category	Percentage
Projects	45
Final Exam	15
Journals	20
Daily Grades	20
Total	100%

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Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

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Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

INMT 2303 — Pumps, Compressors and Mechanical Drives

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

A study of the theory and operations of various types of pumps and compressors. Topics include mechanical power transmission systems including gears, v-belts, and chain drives.

THECB Approval Number 15.0613.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify the principles involved in the operation of centrifugal & positive displacement pumps and compressors.
2. Identify the function of various components in pumps and compressors.
3. Disassemble & reassemble pumps, compressors and mechanical drives.
4. Troubleshoot pumps, compressors and mechanical drives.

Methods of Evaluation

Category	Percentage
Lab/Classroom Participation	40%
Attendance	10%
Test	25%
Final Exam	25%
Total	100%
Grading Scale	
100-90%	A
80-89%	B
70-79%	C
60-69%	D
Below 60%	F

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Resources:

- Allocates Time
- Allocates Money
- Allocates Material & Facility Resources

Interpersonal:

- Participates as a Member of a Team
- Teaches Others
- Serves Clients/Customers
- Exercises Leadership
- Negotiates to Arrive at a Decision
- Works with Cultural Diversity

Technology:

- Selects Technology
- Applies Technology
- Maintains & Troubleshoots Technology

Basic Skills:

- Reading
- Writing
- Arithmetic
- Mathematics
- Listening & Speaking

Information:

- Acquires & Evaluates Information
- Organizes & Maintains Information
- Uses Computers to Process Information

Thinking Skills:

- Creative Thinking
- Decision Making
- Problem Solving
- Seeing Things in the Mind's Eye
- Knowing How to Learn
- Reasoning

Systems:

- Understands Systems
- Monitors & Corrects Performance
- Improves & Designs Systems

Personal Qualities:

- Responsibility
- Self-Esteem
- Sociability
- Self-Management
- Integrity/Honesty

INTC 1348 — Analytical Instrumentation

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

A study of analytical instruments emphasizing their utilization in continuous process applications including chromatography, pH, conductivity, and spectrophotometry instruments.

THECB Approval Number 15.0404.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Calibrate and troubleshoot a gas analyzer
2. Understand and use density and specific gravity analyzers
3. Understand and use ultraviolet/infrared equipment for stack emission
4. Operate analyzers and monitors
5. Understand and use pH monitors
6. Understand and use electrical conductivity equipment

Methods of Evaluation

Category	Percentage
Test Average	40%
Lab Average	30%
Class Work	10%
Final Exam	20%
Total	100%

Academic Honesty and Integrity

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- Academic suspension

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Cell Phones and Other Electronic Devices Procedure:

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Perryton: (806) 648-1450

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

INTC 1350 — Digital Measurement & Controls

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

Basic measurement control in instrumentation. Includes movement of digital data through common systems employing parallel and serial transfers.

THECB Approval Number 15.0404.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Describe the movement of digital data.
2. Show flow of data transfer systems.
3. Explain system block diagram concepts.

Methods of Evaluation

Category	Percentage
Lab	10%
Attendance	10%
Unit Exams	80%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

INTC 1355 — Unit Operations

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

Automatic control requirements of industrial processes. Includes control systems, control loop tuning, and analysis.

THECB Approval Number 15.0404.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Explain the static and dynamic aspects of processes.
2. Describe the automatic control requirements of processes.
3. Analyze process variables and adjust the control loop.

Methods of Evaluation

Category	Percentage
Attendance	10%
Unit Exams	70%
Final Exam	20%
Total	100%

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Resources:

- Allocates Time
- Allocates Money
- Allocates Material & Facility Resources

Interpersonal:

- Participates as a Member of a Team
- Teaches Others
- Serves Clients/Customers
- Exercises Leadership
- Negotiates to Arrive at a Decision
- Works with Cultural Diversity

Technology:

- Selects Technology
- Applies Technology
- Maintains & Troubleshoots Technology

Basic Skills:

- Reading
- Writing
- Arithmetic
- Mathematics
- Listening & Speaking

Information:

- Acquires & Evaluates Information
- Organizes & Maintains Information
- Uses Computers to Process Information

Thinking Skills:

- Creative Thinking
- Decision Making
- Problem Solving
- Seeing Things in the Mind's Eye
- Knowing How to Learn
- Reasoning

Systems:

- Understands Systems
- Monitors & Corrects Performance
- Improves & Designs Systems

Personal Qualities:

- Responsibility
- Self-Esteem
- Sociability
- Self-Management
- Integrity/Honesty

INTC 1358 — Flow & Measurement Calibration

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

Practical methods of flow measurements and flow integration. Emphasizes primary flow element selection and calculations in accordance with American Gas Association (AGA) and American Petroleum Institute (API) standards.

THECB Approval Number 15.0404.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Understand and perform flow calculations.
2. Identify and discuss primary flow elements..
3. Select the proper primary flow elements under specific conditions.
4. Identify and discuss the advantages/disadvantages of the various flow elements.
5. Understand and practice proper safety procedures required in labs.

Methods of Evaluation

Category	Percentage
Labs	30%
Attendance	10%
Class Participation	10%
Midterm Test	20%
Final Exam	30%
Total	100%

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Interpersonal:

- Participates as a Member of a Team
- Teaches Others
- Serves Clients/Customers
- Exercises Leadership
- Negotiates to Arrive at a Decision
- Works with Cultural Diversity

Technology:

- Selects Technology
- Applies Technology
- Maintains & Troubleshoots Technology

Basic Skills:

- Reading
- Writing
- Arithmetic
- Mathematics
- Listening & Speaking

Information:

- Acquires & Evaluates Information
- Organizes & Maintains Information
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Thinking Skills:

- Creative Thinking
- Decision Making
- Problem Solving
- Seeing Things in the Mind's Eye
- Knowing How to Learn
- Reasoning

Systems:

- Understands Systems
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- Improves & Designs Systems

Personal Qualities:

- Responsibility
- Self-Esteem
- Sociability
- Self-Management
- Integrity/Honesty

INTC 1391 — Special Topics in Instrumentation Technology

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

Topics address recently identified current events, skills, knowledge and /or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

THECB Approval Number 15.0404.0000

Learning Outcomes

Upon successful completion of this course, students will:

Student will research a predetermined “topic” throughout the semester and will present a final research paper on or before a specified date.

- A cover sheet consisting of student’s name, semester and year, course name and section number should be added to the front of the research assignment. The cover sheet is not included in the number of pages required for the research assignment.
- Formatting requirements for the paper are as follows:
- Needs to be 5 pages on length, typed in Times New Roman, 12-point font, double spaced, 1 inch margins (top, bottom, and sides)

Methods of Evaluation

Category	Percentage
Research Topic Submission	10%
Research Paper	90%
Total	100%

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Interpersonal:

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Technology:

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Systems:

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Personal Qualities:

- Responsibility
- Self-Esteem
- Sociability
- Self-Management
- Integrity/Honesty

INTC 2336 — Distributed Control & Programmable Logic

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

Overview of distributed control systems including configuration of programmable logic controllers, smart transmitters, and field communicators. Functions of digital systems in a process control environment.

THECB Approval Number 15.0404.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Understand and program programmable logic controllers.
2. Understand number system and logic.
3. Troubleshoot programmable logic controller systems.
4. Understand input/output devices and modules.
5. Develop a programmable logic control system.
6. Maintenance and troubleshoot distributed control systems.
7. Understand expansion and data networks.

Methods of Evaluation

Category	Percentage
Test Average	35%
Lab Average	35%
Attendance	10%
Final Exam	20%
Total	100%
Grading Scale	
100 – 90%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
Below 60	F

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Allocates Time

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Allocates Material & Facility Resources

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Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

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Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

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Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

INTC 2388 — Internship in Instrumentation Technology

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Consult Advisor

Course Description

An experience, external to the college for an advanced student in a specialized field involving a written agreement between the educational institution and a business or industry. Mentored and supervised by a workplace employee, the student achieves objectives that are developed and documented by the college and that are directly related to specific occupational outcomes. This may be a paid or unpaid experience. This course may be repeated if topics and learning outcomes vary.

THECB Approval Number 15.0404.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Understand and master the theory, concepts, and skills involving tools, materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, and legal; systems associated with the occupation, business, or industry.
2. Demonstrate ethical behavior, safety practice, interpersonal and teamwork skills.
3. Demonstrate communication in the applicable language of the occupation, business or industry.

Methods of Evaluation

Category	Percentage
Log Entries	60%
Supervisor's Evaluations	40%
Total	100%
Grading Scale	
100 – 90%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D

* It is the responsibility of each student to secure suitable employment, which relates to the student's area of study. The student is expected to go to work each day as assigned by their employer, arrive on time, and do the work assigned to the best of their ability. Each

student is responsible for maintaining their own log sheet, and obtaining their immediate supervisor's signature on the log at the end of each work week. He log sheets must be returned to the instructor either bi-weekly or monthly as agreed upon by the student and the instructor. If the student is dismissed from work, he or she must secure a suitable place of employment within one week time or the student will receive a grade of "F" for the course. In the case of a lay off or injury that prevents the student from carrying out their work assignments, the student will be allowed to take an incomplete for the class, but must complete the assignment the following semester or a grade of "F" will be assigned. At the end of the semester all log sheets and the supervisor's evaluation must be returned to your instructor. The supervisor's evaluation should be filled out and discussed with the student prior to its return.

Academic Honesty and Integrity

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- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance*

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Cell Phones and Other Electronic Devices Procedure:

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3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

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Important Information

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology

Systems:

Understands Systems
Monitors & Corrects Performance

Maintains & Troubleshoots Technology

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Improves & Designs Systems

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

MATH 0301 — Basic Math

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Students who have not passed the Math Section of a TSI approved test may be placed in this course. (Does not count toward a degree.)

Course Description

An introductory course designed to identify deficiencies and provide a review of fundamental operations in mathematics. Based on the individual student's identified need. Topics include arithmetic operations on fractions, decimals, and integers; solving problems with proportions and percents; descriptive statistics; and basic geometric figures.

THECB Approval Number32.0104.51.19

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Mathematics Courses

Courses in this category focus on quantitative literacy in logic, patterns, and relationships.

Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Add, subtract, multiply, and divide whole numbers;
2. Add, subtract, multiply, and divide fractions;
3. Add, subtract, multiply, and divide decimals;
4. Change fractions to decimals, decimals to fractions;

5. Apply knowledge of fractions and decimals;
6. Find fractional notation for ratios;
7. Set up proportions and solve proportions;
8. Solve word problems involving proportions;
9. Change fractions to percents and percents to fractions;
10. Change decimals to percents, percents to decimals;
11. Solve word problems involving percents;
12. Calculate averages, medians, and modes;
13. Identify and interpret data from tables and graphs;
14. Convert units from one system of measurement to another system or within the same system;
15. Identify basic geometric figures;
16. Determine and evaluate various geometric measurements; and
17. Add subtract, multiply, and divide signed numbers.

Methods of Evaluation

Category	Percentage
Homework, class work, labs, and quizzes	25%
Major Exams	50%
Final Exam	25%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 0302 — Elementary Algebra and Geometry

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Completion of MATH 0301 with a grade of C or better or placement by an approved TSI test. (Does not count toward a degree.)

Course Description

Algebraic expressions, linear equations and models, exponents, and polynomials, factoring, algebraic fractions, graphing, systems of linear equations, radicals, points, parallel and perpendicular lines, planes, space angles, triangles, congruent triangles, space figures, volume, surface, area, reasoning skills.

THECB Approval Number32.0104.51.19

Statement of Purpose

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Core Objectives Required for Mathematics Courses

Courses in this category focus on quantitative literacy in logic, patterns, and relationships.

Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Develop the basic tools of algebra needed for further courses in mathematics;
2. Show that mathematics is useful in many disciplines using applications;
3. Evaluate algebraic expressions;
4. Convert phrases to algebraic expressions;

5. Graph and order real numbers on the number line;
6. Find absolute values and opposites of real numbers;
7. Add, subtract, multiply, and divide real numbers;
8. Use and identify properties of real numbers;
9. Combine algebraic expressions;
10. Solve linear equations;
11. Solve linear inequalities;
12. Use integer exponents;
13. Do arithmetic operations on polynomials;
14. Factor polynomials;
15. Simplify rational expressions;
16. Use the rectangular coordinate system to do simple graphing;
17. Evaluate and estimate square roots and other basic radicals;
18. Identify and calculate the measures of adjacent, vertical, and complementary angles;
19. Investigate properties of parallel and perpendicular lines;
20. Work with congruent and similar triangles; and
21. Solve systems of equations in two variables.

Methods of Evaluation

Category	Percentage
Homework, class work, labs, and quizzes	25%
Major Exams	50%
Final Exam	25%
Total	100%

Academic Honesty and Integrity

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Grievance Policy

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

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Systems:

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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 0303 — Intermediate College Algebra

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Completion of MATH 0302 with a grade of C or better or placement by an approved TSI test. (Does not count toward a degree.)

Course Description

This course is designed for students who have insufficient preparation for college algebra or who have been out of high school for several years and need a review of algebraic fundamentals. A study of relations and functions, inequalities, factoring, polynomials, rational expressions, and quadratics with an introduction to complex numbers, exponential and logarithmic functions, determinants and matrices, and sequences and series.

THECB Approval Number32.0104.52.19

Statement of Purpose

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Core Objectives Required for Mathematics Courses

Courses in this category focus on quantitative literacy in logic, patterns, and relationships.

Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Develop the basic tools of algebra needed for further courses in mathematics;
2. Show that mathematics is useful in many disciplines using applications;
3. Review of basic algebra;
4. Solve linear equations and apply these to problems;
5. Solve absolute value equations and inequalities;
6. Graph lines and linear inequalities;
7. Solve systems of equations and apply to problems;
8. Add, subtract, multiply, and divide polynomials;
9. Factor polynomials;
10. Perform basic operations on rational expressions;
11. Perform basic operations on complex numbers;
12. Solve quadratic equations;
13. Identify, evaluate, and graph functions and relations;
14. Simplify exponential and logarithmic functions;
15. Simplify rational expressions; and
16. Evaluate sequences and series.

Methods of Evaluation

Category	Percentage
Homework	25%
Major Exams	50%
Final Exam	25%
Total	100%

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Allocates Time
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Technology:

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Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 1314 — College Algebra

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Completion of MATH 0303 with a grade of C or better or placement by an approved TSI test.

Course Description

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

THECB Approval Number27.0101.54.19

Statement of Purpose

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Learning Outcomes:

Upon successful completion of this course, students will:

1. Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses.
2. Recognize and apply polynomial, rational, radical, exponential and logarithmic functions and solve related equations.

3. Apply graphing techniques.
4. Evaluate all roots of higher degree polynomial and rational functions.
5. Recognize, solve and apply systems of linear equations using matrices.

Methods of Evaluation

Category	Percentage
Face-to face Classes	
Exams	70%
Daily Work	30%
Total	100%
Category	Percentage
Dual-credit Classes	
Exams	70%
Daily Work	30%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening& Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 1316 — Plane Trigonometry

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

One unit of plane geometry, and two units of high school algebra. Passage of the Math Section of a TSI approved test or completion of MATH 0303 with a grade of C or better.

Course Description

In-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates and parametric equations may be included.

THECB Approval Number27.0101.53.19

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Mathematics Courses

Courses in this category focus on quantitative literacy in logic, patterns, and relationships.

Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

Learning Outcomes

Upon successful completion of this course, students will:

1. Compute the values of trigonometric functions for key angles in all quadrants of the unit circle measured in both degrees and radians.
2. Graph trigonometric functions and their transformations.
3. Prove trigonometric identities.

4. Solve trigonometric equations.
5. Solve right and oblique triangles.
6. Use the concepts of trigonometry to solve applications.

In addition, this course will meet the specific learning outcomes that follow:

1. Define the six trigonometric ratios.
2. Solve triangles using the trigonometric functions and laws of sines and cosines.
3. Demonstrate the relationships between the functions.
4. Use radian measure as well as degree measure in trig functions.
5. Prove trigonometric identities.
6. Solve trigonometric equations.
7. Construct graphs involving the trigonometric functions.
8. Examine the inverse trigonometric functions.

Methods of Evaluation

Category	Percentage
Face-to-face Classes	
Exams	80%
Daily Work	20%
Total	100%
Category	Percentage
Dual-Credit Classes	
Exams	70%
Daily Work	30%
Total	100%

Academic Honesty and Integrity

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- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Cell Phones and Other Electronic Devices Procedure:

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Allocates Money
Allocates Material & Facility Resources

Interpersonal:

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Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

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Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

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Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 2312 — Pre-Calculus Math

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of Math Section of a TSI approved test, two years of high-school algebra, one year of high-school geometry, and one semester of high-school trigonometry.

Course Description

In-depth combined study of algebra, trigonometry, and other topics for calculus readiness. Applications of algebra and trigonometry to the study of elementary functions and their graphs including polynomial, rational, exponential, logarithmic and trigonometric functions. May include topics from analytical geometry.

THECB Approval Number27.0101.58.19

Statement of Purpose

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Core Objectives Required for Mathematics Courses

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Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

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- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate and apply knowledge of properties of functions.
2. Recognize and apply algebraic and transcendental functions and solve related equations.

3. Apply graphing techniques to algebraic and transcendental functions.
4. Compute the values of trigonometric functions for key angles in all quadrants of the unit circle measured in both degrees and radians.
5. Prove trigonometric identities.
6. Solve right and oblique triangles.

In addition, this course will meet the specific learning outcomes that follow:

1. Construct graphs of trigonometric functions using polar coordinates.
2. Graph functions, including rational functions and relations.
3. Apply operations on complex numbers.
4. Solve exponential and logarithmic equations and graph exponential and logarithmic functions.
5. Graph a system of parametric equations.
6. Describe vectors in component form and in terms of length and direction.
And demonstrate various calculations with vectors such as addition, subtraction, multiplication of scalar, dot product and cross product.
7. Construct models and solve applied problems using vectors.
8. Sketch the graphs of various conics and create using different conic graphs.
9. Evaluate arithmetic and geometric sequences.

Methods of Evaluation

Category	Percentage
Face-to-face Classes	
Exams	75%
Daily Work	25%
Total	100%
Category	Percentage
Dual-Credit Classes	
Assignments	10%
Exams	30%
Quizzes	60%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
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Thinking Skills:

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Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
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Technology:

Selects Technology
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Systems:

Understands Systems
Monitors & Corrects Performance
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Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 2413 — Calculus I

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

Completion of MATH 1316 with a grade of C or better or co-requisite of MATH 1316.

Course Description

Limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas.

THECB Approval Number27.0101.59.19

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Learning Outcomes

Upon successful completion of this course, students will:

1. Develop solutions for tangent and area problems using the concepts of limits, derivatives, and integrals.

2. Draw graphs of algebraic and transcendental functions considering limits, continuity, and differentiability at a point.
3. Determine whether a function is continuous and/or differentiable at a point using limits.
4. Use differentiation rules to differentiate algebraic and transcendental functions.
5. Identify appropriate calculus concepts and techniques to provide mathematical models of real-world situations and determine solutions to applied problems.
6. Evaluate definite integrals using the Fundamental Theorem of Calculus.
7. Articulate the relationship between derivatives and integrals using the Fundamental Theorem of Calculus.

Methods of Evaluation

Category	Percentage
Face-to-face Classes	
Exams	75%
Lab	25%
Total	100%
Category	Percentage
Dual-Credit Classes	
Exams	75%
Lab	25%
Total	100%

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Reasoning

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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 2414 — Calculus II

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

Completion of MATH 2413 with a grade of C or better.

Course Description

Differentiation and integration of transcendental functions; parametric equations and polar coordinates; techniques of integration; sequences and series; improper integrals.

THECB Approval Number27.0101.62.19

Statement of Purpose

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Learning Outcomes

Upon successful completion of this course, students will:

1. Use the concepts of definite integrals to solve problems involving area, volume, work, and other physical applications.
2. Use substitution, integration by parts, trigonometric substitution, partial fractions, and tables of anti-derivatives to evaluate definite and indefinite integrals.
3. Define an improper integral.

4. Apply the concepts of limits, convergence, and divergence to evaluate some classes of improper integrals.
5. Determine convergence or divergence of sequences and series.
6. Use Taylor and MacLaurin series to represent functions.
7. Use Taylor or MacLaurin series to integrate functions not integrable by conventional methods.
8. Use the concept of polar coordinates to find areas, lengths of curves, and representations of conic sections

Methods of Evaluation

Category	Percentage
Face-to-face Classes	
Exams	75%
Lab	25%
Total	100%
Category	Percentage
Dual-Credit Classes	
Exams	75%
Lab	25%
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Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

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Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 1325 — Mathematics of Modern Business II

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Completion of MATH 1324 or MATH 1314 with a grade of C or better.

Course Description

Limits and continuity, derivatives, graphing and optimization, exponential and logarithmic functions, antiderivatives, integration, applications to management, economics, and business.

THECB Approval Number27.0301.53.19

Statement of Purpose

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- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

Learning Outcomes:

Upon successful completion of this course, students will:

1. understand the definition of a derivative
2. be able to differentiate polynomial, and exponential and logarithmic functions
3. be able to differentiate products, quotients, and use the chain rule
4. be able to use differentiation techniques to graph functions
5. implicitly differentiate

6. investigate antiderivatives and integration
7. integrate by substitution
8. integrate by parts and using integration tables
9. investigate multivariable calculus including partial derivatives and finding maxima and minima
10. investigate double integrals

Methods of Evaluation

Category	Percentage
Face-to face Classes	
Exams	75%
Daily Work	25%
Total	100%

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Cell Phones and Other Electronic Devices Procedure:

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

MATH 1351
Advanced Mathematics II for Elementary Education Teachers
Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

MATH 1314 or a higher-level math course and MATH 1350 with grades of C or better.

Course Description

Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. This course is designed specifically for students who seek middle grade (4 through 8) teacher certification.

THECB Approval Number27.0101.60.19

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Mathematics Courses

Courses in this category focus on quantitative literacy in logic, patterns, and relationships.

Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

Learning Outcomes:

Upon successful completion of this course, students will:

1. Recognize the NCTM standards and the TEKS.
2. Recognize the connection between fractions, rational numbers, decimals and percents.
3. Define and use ratios and proportions.

4. Recognize algebraic reasoning and representation.
5. Draw and interpret a variety of graphical representations of data.
6. Calculate and interpret the measures of central tendency and variability for a set of data.
7. Calculate empirical probabilities, permutations and combinations.
8. Define the basic figures of geometry along with their properties.
9. Explain the measurement process and the concept of a unit measurement.
10. Calculate the perimeter, area, surface area, and volume for a variety of figures.
11. Prove the congruence or similarity of a given pair of triangles.

Methods of Evaluation

Category	Percentage
Homework	25%
Exams	50%
Final Exam	25%
Total	100%
Grade Scale	
90-100	A
80-89	B
70-79	C
60-69	D
59 and below	F

Exams:

There are exams that will be given. Makeup exams will be given at the discretion of the instructor. Please contact your instructor before the exam to arrange a makeup exam. Please keep in mind that makeup exams are relatively more difficult than regular exams.

Positively no exam grades will be dropped.

Note: Cheating on tests or quizzes will result in an automatic 0 on the test.

Academic Honesty and Integrity

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Class Attendance

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

Additional/Supplemental References

1. The ARC has software and videos that correlate to each section in the assigned textbook.

2. Student tutors are available for students in the ARC.
3. The mathematics section in the library has many related books.
4. The following list of websites may be helpful:

<http://euler.slu.edu/Dept/SuccessinMath.html>

<http://www.mathpower.com/>

<http://www.mathpowercom/tips/htm>

<http://www.purplemath.com/stdysrvy.htm>

<http://webster.comnet.edu/mathcenter/handouts/module.htm>

<http://www.wvu.edu/depts/tutorialcenter/math.htm>

<http://www.wtamu.edu/academic/anns/mps/math/mathlab/>

PFPB 1443 — Pipefitting Fabrication and Blueprint Reading

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

None

Course Description

Continuation of pipe fabrication, rigging, pipe hangers and supports, blueprint reading, standards and specifications, and trade math.

THECB Approval Number46.0502.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Fabricate socket weld pipe.
2. Fabricate butt weld pipe.
3. Classroom knowledge of hangers and supports.
4. Sketch Isometric views of piping assemblies.
5. Interpret piping standards and specifications.
6. Use measuring devices common to the trade of pipefitting.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F
Attendance Percentage	Grade
90 – 100	100
80 – 90	90
70 – 80	80
60 – 70	70
0 – 60	50

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Welding Program Attendance Requirements*

Attendance at all class sessions is expected of all students. This is a significant part of instilling a good work ethic for future employers. For this reason if a student must be absent for any reason he/she will be required to notify a welding instructor(s) as soon as practical for each absence and its reason. If a student is absent from class for four unexcused absences they will be placed on the "Attendance Probation List" for the Welding Program. After six unexcused absences the student will be administratively withdrawn from the entire welding program.

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Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
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Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PFPB 2408 — Piping Standards and Materials

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

None

Course Description

Identification, description, and application of piping standards and specifications. Includes identification and use of various metallic and non-metallic piping materials, identification and installation of valves, and material take-offs.

THECB Approval Number46.0502.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identification, description, and application of piping standards and specifications.
2. Includes identification and use of various metallic and non-metallic materials.
3. Identification of valves and material take-offs..

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
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Attendance Percentage	Grade
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80 – 90	90
70 – 80	80
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Knowing How to Learn
Reasoning

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Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

**PFPB 2432 — Advanced Pipefitting Standards Specifications and
Installations
Frank Phillips College**

General Course Information

Credit Hours: 4

Prerequisite:

PFPB 1443 pipefitting Fabrication and Blueprint Reading
PFPB2408 Pipe Standards and Materials

Course Description

Skill development in motorized equipment, above-ground pipe installation valves, field routing and vessel trim, spring can supports, testing piping systems and equipment, basic plumbing, planning work activities, and Non-Destructive Testing (NDT).

THECB Approval Number46.0502.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Classroom knowledge of hydraulic manlifts, hydrostatic pumps, cranes and trucks.
2. Field routing of piping and vessel trim.
3. Identification of parts and installation of spring hanger and spring can supports.
4. Sequence for planning work activities.
5. Working knowledge of MPT and DPT and other NDT methods and their related hazards and preparations.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F
Attendance Percentage	Grade
90 – 100	100

80 – 90	90
70 – 80	80
60 – 70	70
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Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PFPB 2443 — Advanced Piping Practices

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite:

PFPB 1443 pipefitting Fabrication and Blueprint Reading
PFPB2408 Pipe Standards and Materials

Course Description

Identification, installation, and testing of steam traps and steam trap station components; valve identification, application, and maintenance; identification, storage, and handling of in-line specialties; hydrostatic testing of process piping.

THECB Approval Number46.0502.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identification of steam traps, stations and components.
2. Valve identification, applications and maintenance..
3. Hydrostatic testing of process piping.
4. Clearing piping and preparing for process service.
5. Performing in-line service on process piping.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
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Attendance Percentage	Grade
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70 – 80	80
60 – 70	70
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Welding Program Attendance Requirements*

Attendance at all class sessions is expected of all students. This is a significant part of instilling a good work ethic for future employers. For this reason if a student must be absent for any reason he/she will be required to notify a welding instructor(s) as soon as practical for each absence and its reason. If a student is absent from class for four unexcused absences they will be placed on the "Attendance Probation List" for the Welding Program. After six unexcused absences the student will be administratively withdrawn from the entire welding program.

Cell Phones and Other Electronic Devices Procedure:

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Perryton: (806) 648-1450

Grievance Policy

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PFPB 2449 — Field Measuring, Sketching and Layout

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

PFPB 1443 pipefitting Fabrication and Blueprint Reading
PFPB2408 Pipe Standards and Materials

Course Description

Field dimensioning, measuring, sketching, and layout of future process piping and use, care, and setup of transit and level.

THECB Approval Number46.0502.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Calculate pipe cuts and fitting take-offs.
2. Make field sketches of piping.
3. Take field dimensions of piping.
4. Setup and use of laser level both stationary and tripod.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F
Attendance Percentage	Grade
90 – 100	100
80 – 90	90
70 – 80	80
60 – 70	70
0 – 60	50

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- Academic suspension

Class Attendance*

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Welding Program Attendance Requirements*

Attendance at all class sessions is expected of all students. This is a significant part of instilling a good work ethic for future employers. For this reason if a student must be absent for any reason he/she will be required to notify a welding instructor(s) as soon as practical for each absence and its reason. If a student is absent from class for four unexcused absences they will be placed on the "Attendance Probation List" for the Welding Program. After six unexcused absences the student will be administratively withdrawn from the entire welding program.

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PHED 1125 — Freshman Body Conditioning II

Frank Phillips College

General Course Information

Credit Hours: 1

Prerequisite

N/A

Course Description

Instruction and participation in physical and/or recreational activities. The physical education activity courses are designed to give the students multiple choices that suit their physical goals in health and wellness or recreational preferences. Students are cautioned that some universities will not accept more than two courses in the same activity.

Injury Disclaimer: Frank Phillips College will not pay for medical expenses incurred by a student injured in a class-related activity.

THECB Approval Number36.0108.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Develop an overall improved cardiovascular fitness level that will reduce body fat levels;
2. Develop an overall improved cardiovascular fitness level that will increase lean body mass;
3. Develop an overall fitness level that will lower the resting heart rate;
4. Develop an overall fitness level that will improve the circulatory system;
5. Develop an overall fitness level that will enhance the daily lifestyle; and
6. Develop an overall fitness level that will promote wellness and health.

Methods of Evaluation

Students are evaluated on the progress made over the course of the semester. The amount of improvement will be respective to each individual and will be measured by the ability to document.

Category	Percentage
Midterm Exam	10%
Final Exam	10%
Journal Log	80%
Total	100%

Academic Honesty and Integrity

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- Administrative withdrawal from the course
- Academic suspension

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

PHED 1135 – Rodeo Events II

Frank Phillips College

General Course Information

Credit Hours: 1

Prerequisite

N/A

Course Description

A course dealing with the participation in varsity rodeo sports through regularly scheduled practices and NIRA rodeos.

Injury Disclaimer: Frank Phillips College will not pay for medical expenses incurred by a student injured in a class-related activity.

THECB Approval Number36.0108.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Be prepared to compete in rodeo events at the college level.
2. Improve their strength and flexibility through weight lifting and aerobic activity.
3. Acquire knowledge about common injuries associated with the sport of rodeo.
4. Acquire knowledge of methods to prevent injuries.
5. Exhibit through practice safety procedures involved with rodeo animals and events.

Methods of Evaluation

Category	Percentage
Assignments	40%
Exams	60%
Total	100%

Academic Honesty and Integrity

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- Administrative withdrawal from the course
- Academic suspension

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Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PHED 1145 — Freshman Varsity Athletics II

Frank Phillips College

General Course Information

Credit Hours: 1

Prerequisite

N/A

Course Description

Instruction and participation in varsity athletic activities. Students are cautioned that some universities will not accept more than two courses in the same activity.

Injury Disclaimer: Frank Phillips College will not pay for medical expenses incurred by a student injured in a class-related activity.

THECB Approval Number36.0108.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate an overall knowledge of the selected varsity athletic event in both physical actions and mental comprehension;
2. Develop new skills and techniques; and
3. Understand the importance of teamwork.

Methods of Evaluation

Students are evaluated on the progress made over the course of the semester. The amount of improvement will be respective to each individual and will be measured by the ability to learn new skills and techniques and demonstrating overall knowledge of the varsity athletic event in their physical actions and mental comprehension.

Category	Percentage
Midterm Exam	10%
Final Exam	10%
Participation	80%
Total	100%

Academic Honesty and Integrity

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Allocates Money

Allocates Material & Facility Resources

Information:

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Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

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Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

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Technology:

Selects Technology

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Systems:

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Basic Skills:

Reading

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Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

PHED 1147 — Freshman Cheerleading II

Frank Phillips College

General Course Information

Credit Hours: 1

Prerequisite

N/A

Course Description

Instruction and participation in varsity athletic activities. Students are cautioned that some universities will not accept more than two courses in the same activity.

Injury Disclaimer: Frank Phillips College will not pay for medical expenses incurred by a student injured in a class-related activity.

THECB Approval Number36.0108.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate an overall knowledge of the selected varsity athletic event in both physical actions and mental comprehension;
2. Develop new skills and techniques; and
3. Understand the importance of teamwork.

Methods of Evaluation

Students are evaluated on the progress made over the course of the semester. The amount of improvement will be respective to each individual and will be measured by the ability to learn new skills and techniques and demonstrating overall knowledge of the varsity athletic event in their physical actions and mental comprehension.

Category	Percentage
Midterm Exam	10%
Final Exam	10%
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Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

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Mathematics

Listening & Speaking

Personal Qualities:

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Self-Esteem

Sociability

Self-Management

Integrity/Honesty

PHED 1322 — Coaching/Sports/Athletics II
(Theory of Coaching)
Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Study of coaching theories and philosophies as applied to competitive sports. Includes coaching techniques.

THECB Approval Number31.0505.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Develop an offensive, defensive and conditioning philosophy of coaching.
2. Exhibit proficiency in planning practice sessions.
3. Demonstrate expertise in the analyzation of all defensive position play.
4. Develop expertise in teaching/coaching strategies in specific offensive and defensive situations.
5. Develop skill in identifying common errors of performance in individual offensive and defensive skills.
6. Demonstrate knowledge of rules and officiating responsibilities.

Methods of Evaluation

Category	Percentage
Assignments	40%
Exams	60%
Total	100%

Academic Honesty and Integrity

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- A grade of 0 for the test or assignment

- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Cell Phones and Other Electronic Devices Procedure:

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Perryton: (806) 648-1450

Grievance Policy

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Important Information

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PHED 1338 — Concepts of Physical Fitness

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

N/A

Course Description

Concepts and use of selected physiological variables of fitness, individual testing and consultation, and the organization of sports and fitness programs.

THECB Approval Number31.0501.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Develop the knowledge of how to improve cardiovascular fitness level that will reduce body fat levels;
2. Develop the knowledge of how to improve cardiovascular fitness level that will increase lean body mass;
3. Develop the knowledge of how to lower the resting heart rate;
4. Develop the knowledge of how to improve the circulatory system;
5. Develop the knowledge of how to enhance the daily lifestyle; and
6. Develop the knowledge of how to improve promote wellness and health.

Methods of Evaluation

Category	Percentage
Participation	50%
Midterm Exam	20%
Final Exam	20%
Exercise Plan	10%
Total	100%

Academic Honesty and Integrity

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- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Scans/Or Core Competencies That Will Be Addressed in the Class**Resources:**

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PHED 2125 — Sophomore Body Conditioning IV

Frank Phillips College

General Course Information

Credit Hours: 1

Prerequisite

N/A

Course Description

Instruction and participation in physical and/or recreational activities. The physical education activity courses are designed to give the students multiple choices that suit their physical goals in health and wellness or recreational preferences. Students are cautioned that some universities will not accept more than two courses in the same activity.

Injury Disclaimer: Frank Phillips College will not pay for medical expenses incurred by a student injured in a class-related activity.

THECB Approval Number36.0108.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Develop an overall improved cardiovascular fitness level that will reduce body fat levels;
2. Develop an overall improved cardiovascular fitness level that will increase lean body mass;
3. Develop an overall fitness level that will lower the resting heart rate;
4. Develop an overall fitness level that will improve the circulatory system;
5. Develop an overall fitness level that will enhance the daily lifestyle; and
6. Develop an overall fitness level that will promote wellness and health.

Methods of Evaluation

Students are evaluated on the progress made over the course of the semester. The amount of improvement will be respective to each individual and will be measured by the ability to document.

Category	Percentage
Midterm Exam	10%
Final Exam	10%
Journal Log	80%
Total	100%

Academic Honesty and Integrity

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- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Grievance Policy

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

PHED 2135 – Rodeo Events IV

Frank Phillips College

General Course Information

Credit Hours: 1

Prerequisite

N/A

Course Description

A course dealing with the participation in varsity rodeo sports through regularly scheduled practices and NIRA rodeos.

Injury Disclaimer: Frank Phillips College will not pay for medical expenses incurred by a student injured in a class-related activity.

THECB Approval Number36.0108.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Be prepared to compete in rodeo events at the college level.
2. Improve their strength and flexibility through weight lifting and aerobic activity.
3. Acquire knowledge about common injuries associated with the sport of rodeo.
4. Acquire knowledge of methods to prevent injuries.
5. Exhibit through practice safety procedures involved with rodeo animals and events.

Methods of Evaluation

Category	Percentage
Assignments	90%
Exams	10%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PHED 2145 — Sophomore Varsity Athletics IV

Frank Phillips College

General Course Information

Credit Hours: 1

Prerequisite

N/A

Course Description

Instruction and participation in varsity athletic activities. Students are cautioned that some universities will not accept more than two courses in the same activity.

Injury Disclaimer: Frank Phillips College will not pay for medical expenses incurred by a student injured in a class-related activity.

THECB Approval Number36.0108.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate an overall knowledge of the selected varsity athletic event in both physical actions and mental comprehension;
2. Develop new skills and techniques; and
3. Understand the importance of teamwork.

Methods of Evaluation

Students are evaluated on the progress made over the course of the semester. The amount of improvement will be respective to each individual and will be measured by the ability to learn new skills and techniques and demonstrating overall knowledge of the varsity athletic event in their physical actions and mental comprehension.

Category	Percentage
Midterm Exam	10%
Final Exam	10%
Participation	80%
Total	100%

Academic Honesty and Integrity

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- Academic suspension

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

Technology:

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

Systems:

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

PHED 2147 — Sophomore Cheerleading IV

Frank Phillips College

General Course Information

Credit Hours: 1

Prerequisite

N/A

Course Description

Instruction and participation in varsity athletic activities. Students are cautioned that some universities will not accept more than two courses in the same activity.

Injury Disclaimer: Frank Phillips College will not pay for medical expenses incurred by a student injured in a class-related activity.

THECB Approval Number36.0108.51.23

Learning Outcomes

Upon successful completion of this course, students will:

1. Demonstrate an overall knowledge of the selected varsity athletic event in both physical actions and mental comprehension;
2. Develop new skills and techniques; and
3. Understand the importance of teamwork.

Methods of Evaluation

Students are evaluated on the progress made over the course of the semester. The amount of improvement will be respective to each individual and will be measured by the ability to learn new skills and techniques and demonstrating overall knowledge of the varsity athletic event in their physical actions and mental comprehension.

Category	Percentage
Midterm Exam	10%
Final Exam	10%
Participation	80%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time

Allocates Money

Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

Interpersonal:

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Serves Clients/Customers

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Negotiates to Arrive at a Decision

Works with Cultural Diversity

Thinking Skills:

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

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Reasoning

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Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

Basic Skills:

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

Personal Qualities:

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty

PHYS 1402 — College Physics II

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

Completion of PHYS 1401 or its equivalent with a grade of C or better.

Course Description

A continuation of PHYS 1401, with laboratories, that includes the study of electricity and magnetism, optics, and modern physics. Algebra-level physics sequence.

THECB Approval Number40.0801.53.03

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Model physical phenomena with mathematical systems.
2. Interpret and communicate technical information.
3. Work with other students in a team investigation.
4. Understand some logical or scientific systems.
5. Visualize and Diagram physical processes.

Methods of Evaluation

Students' successful completion of required assignments as well as participation in classroom learning activities will be the basis for assessing progress toward course objectives.

Category	Percentage
Homework assignments	10%
Laboratory Grade	30%
Exams	50%
Semester Exam	10%
Total	100%

The majority of your evaluation comes through traditional methods; however, participation in laboratory exercises and class discussion will also contribute to your grade.

Academic Honesty and Integrity

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- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Cell Phones and Other Electronic Devices Procedure:

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3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

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Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

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Important Information

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PHYS 1403 — Stars and Galaxies

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

N/A

Course Description

Study of stars, galaxies, and the universe outside our solar system. Includes a laboratory.

THECB Approval Number40.0201.51.03

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Model physical phenomena with mathematical systems.
2. Interpret and communicate technical information.
3. Work with other students in a team investigation.
4. Understand some logical or scientific systems.
5. Visualize and Diagram physical processes.

Methods of Evaluation

Students' successful completion of required assignments as well as participation in classroom learning activities will be the basis for assessing progress toward course objectives.

Category	Percentage
Homework assignments	10%
Laboratory Grade	30%
Exams	50%
Semester Exam	10%
Total	100%

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Academic Honesty and Integrity

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Class Attendance

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PHYS 1417 — Physical Science II

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

N/A

Course Description

Course is designed for non-science majors and surveys topics from physics, chemistry, geology, astronomy, and meteorology. This course provides a broad background of fundamentals of chemistry and physics with an emphasis in chemistry including structures and systems, energy transformations, changes over time, interactions and scientific world view.

THECB Approval Number40.0101.51.03

Statement of Purpose

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Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Model physical phenomena with mathematical systems.
2. Interpret and communicate technical information.
3. Work with other students in a team investigation.
4. Understand some logical or scientific systems.
5. Visualize and Diagram physical processes.

Methods of Evaluation

Students' successful completion of required assignments as well as participation in classroom learning activities will be the basis for assessing progress toward course objectives.

Category	Percentage
Homework assignments	10%
Laboratory Grade	30%
Exams	50%
Semester Exam	10%
Total	100%

The majority of your evaluation comes through traditional methods; however, participation in laboratory exercises and class discussion will also contribute to your grade.

Academic Honesty and Integrity

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Cell Phones and Other Electronic Devices Procedure:

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Grievance Policy

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Important Information

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PHYS 2426 — University Physics II

Frank Phillips College

General Course Information

Credit Hours: 4

General Education Core Curriculum Course

Prerequisite

Completion of PHYS 2425 with a grade of C or better.

Course Description

Principles of physics for science, computer science, mathematics, and engineering majors, using calculus, involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light, and optics. Must be taken with a laboratory section, which includes basic laboratory experiments, experimental design, data collection and analysis, and preparation of laboratory reports.

THECB Approval Number40.0101.57.03

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Life and Physical Sciences Courses

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

Learning Outcomes:

Upon successful completion of this course, students will:

1. Articulate the fundamental concepts of electricity and electromagnetism, including electrostatic potential energy, electrostatic potential, potential difference, magnetic field, induction, and Maxwell's Laws.
2. State the general nature of electrical forces and electrical charges, and their relationship to electrical current.
3. Solve problems involving the inter-relationship of electrical charges, electrical forces, and electrical fields.
4. Apply Kirchhoff's Laws to analysis of circuits with potential sources, capacitance, and resistance, including parallel and series capacitance and resistance.
5. Calculate the force on a charged particle between the plates of a parallel-plate capacitor.
6. Apply Ohm's law to the solution of problems.
7. Describe the effects of static charge on nearby materials in terms of Coulomb's Law.
8. Use Faraday's and Lenz's laws to find the electromotive forces.
9. Describe the components of a wave and relate those components to mechanical vibrations, sound, and decibel level.
10. Articulate the principles of reflection, refraction, diffraction, interference and superposition of waves.
11. Solve real-world problems involving optics, lenses, and mirrors.

And;

1. Prepare laboratory reports that clearly communicate experimental information in a logical and scientific manner.
2. Conduct basic laboratory experiments involving electricity and magnetism.
3. Relate physical observations and measurements involving electricity and magnetism to theoretical principles.
4. Evaluate the accuracy of physical measurements and the potential sources of error in the measurements.
5. Design fundamental experiments involving principles of electricity and magnetism.
6. Identify appropriate sources of information for conducting laboratory experiments involving electricity and magnetism.

Methods of Evaluation

Students' successful completion of required assignments as well as participation in classroom learning activities will be the basis for assessing progress toward course objectives.

Category	Percentage
Homework assignments	10%
Laboratory Grade	30%
Exams	50%
Semester Exam	10%
Total	100%

The majority of your evaluation comes through traditional methods; however, participation in laboratory exercises and class discussion will also contribute to your grade.

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missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

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Scans/Or Core Competencies That Will Be Addressed in the Class

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Allocates Time
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Allocates Material & Facility Resources

Interpersonal:

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Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
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Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PSYC 2301 — General Psychology

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

Survey of major topics in psychology. Introduces the study of behavior and the factors that determine and affect behavior. Preparatory to all other courses in psychology.

THECB Approval Number42.0101.51.25

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Social and Behavioral Sciences Courses

Courses in this category focus on the application of empirical and scientific methods that contribute to the understanding of what makes us human.

Courses involve the exploration of behavior and interactions among individuals, groups, institutions, and events, examining their impact on the individual, society, and culture.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Define psychology and understand its study as a branch of empiricism.
2. Examine the components of the scientific method and their application to varied research strategies.
3. Contrast the current theoretical perspectives concerning the central nervous system's relationship to human behavior and cognition.
4. Evaluate the effects of early environmental and social interactions upon subsequent human behavior.
5. Identify and classify the physiological structures of human sensory perception.
6. Compare the current theories concerning human perception.
7. Identify the states of consciousness and classify their analogous behaviors.
8. Define and demonstrate operant conditioning and learning.
9. Name and define the different types of memory.
10. Differentiate between the current theoretical perspectives concerning memory, recall, and forgetting.
11. Define and differentiate between cognition, intelligence and creativity.
12. Evaluate the current philosophical debate concerning the existence of intuition.
13. List and classify the physiological structures of the human body involved in motivation and emotion.
14. Name and appraise the past and present theories of emotion.
15. List and examine components of personality as defined by psychologists.
16. Define and evaluate the ideas that comprise psychoanalytic theory.
17. Differentiate between mental health and mental illness, and explain the role of life stressors in the development of mental illness.
18. Write core features of disordered behavior.
19. Use the classification system of mental disorders.
20. Classify and contrast the various theories of therapy for mental disorders, including, but not limited to psychoanalysis, humanistic therapies, behaviorist therapies, cognitive therapies, group therapies, and medical/pharmacological therapies.
21. Distinguish between individual psychology and social psychology and apply the tenets of social psychology to group behavior.

Methods of Evaluation

Students' successful completion of required projects and examinations as well as participation in classroom learning activities are the basis for assessing progress toward course objectives.

Category	Percentage
"Daily Grade" - Reading quizzes, attendance, and web-based exercises	20%
Learning Portfolio Project	20%
Four Periodic Examinations	40%
Final Examination	20%
Total	100%

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

PSYC 2314 — Lifespan Growth & Development (Child)

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Completion of PSYC 2301 or its equivalent with a grade of C or better.

Course Description

Study of the relationship of the physical, emotional, social and mental factors of growth and development of children and throughout the lifespan. (Special emphasis on childhood.)

THECB Approval Number42.2703.51.25

Statement of Purpose

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Core Objectives Required for Social and Behavioral Sciences Courses

Courses in this category focus on the application of empirical and scientific methods that contribute to the understanding of what makes us human.

Courses involve the exploration of behavior and interactions among individuals, groups, institutions, and events, examining their impact on the individual, society, and culture.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Students will recognize and characterize the specialized field of developmental psychology as a branch of psychology;
2. Students will identify and evaluate the most important theorists / theories in the field of developmental psychology;
3. Students will explain and research human development through the lifespan;
4. Students will recognize, analyze, outline, and predict developmental milestones—physical, cognitive, social, and emotional—from birth through old age.

Methods of Evaluation

Students' successful completion of required projects and examinations as well as participation in classroom learning activities is the basis for assessing progress toward course objectives.

Category	Percentage
Daily participation-average (including attendance and online exercises)	30%
Evaluation of Child Care/Parenting Book	20%
Three Periodic Examinations (other than the Final)	30%
Final Examination (comprehensive)	20%
Total	100%

Academic Honesty and Integrity

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- Administrative withdrawal from the course
- Academic suspension

Class Attendance

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

SOCI 1301 — Introduction to Sociology

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Passage of or exemption from the Reading Section of a TSI approved test or completion of ENGL 0316 with a grade of C or better.

Course Description

An introduction to the concepts and principles used in the study of group life, social institutions, and social processes. Course includes studying human society; human behavior and personality as a product of group life; community organizations; social change and current social problems.

THECB Approval Number45.1101.51.25

Statement of Purpose

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Core Objectives Required for Social and Behavioral Sciences Courses

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- **Social Responsibility** – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

Learning Outcomes

Upon successful completion of this course, students will:

1. Understand and appreciate a sense of the history and culture which forms the backdrop of our multicultural society.
2. Think both creatively and critically.
3. Utilize various resource materials.
4. Demonstrate knowledge of those elements and processes that create and define culture.
5. Understand the bases of values, beliefs, and practices found in human societies.
6. Develop basic cross-cultural understanding, empathy, and communication.
7. Understand the responsibilities of living in a multicultural world.
8. Demonstrate knowledge of the development of language(s) and their influences on cross-cultural interactions.

Methods of Evaluation

Students' successful completion of required projects and examinations as well as participation in classroom learning activities is the basis for assessing progress toward course objectives.

Category	Percentage
Assignments, quizzes and other daily grades	15%
Attendance/Participation	10%
Four Periodic Examinations	60%
Final Examination	15%
Total	100%

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Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
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Basic Skills:

Reading
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Arithmetic
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Thinking Skills:

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Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

SOCI 1306 — Social Problems

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

Completion of SOCI 1301 or its equivalent with a grade of C or better.

Course Description

Application of sociological principles to the major problems of contemporary society such as inequality, crime and violence, substance abuse, deviance, or family problems. Special emphasis is given to major forms of disorganization such as juvenile delinquency, alcoholism, suicide and mental illness.

THECB Approval Number45.1101.52.25

Statement of Purpose

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Core Objectives Required for Social and Behavioral Sciences Courses

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Learning Outcomes

Upon successful completion of this course, students will:

1. Understand and correctly use the terminology integral to the sociological study of social problems;
2. List the essential elements of a social problem, as defined by sociologists;
3. Trace the development of a social problem through its “lifespan;”
4. Use the scientific method to connect Sociology to the systematic study of social problems;
5. List social problems defined as “norm violations in social context;”
6. Propose solutions to norm violations in social context, and develop an awareness of the effects of these solutions on other parts of society;
7. Examine social problems defined as “problems of social inequality;”
8. Propose solutions to social inequality and develop an awareness of the effects of possible solutions on other parts of society and upon global societies;
9. Define and examine the effects of social change and its relationship to social 10. List social problems known as “megaproblems,” and enumerate the difference between concerns associated with these problems and those associated with the other social problems already studied.

Methods of Evaluation

Students’ successful completion of required projects and examinations as well as participation in classroom learning activities is the basis for assessing progress toward course objectives.

Category	Percentage
Assignments, quizzes and other daily grades	15%
Attendance/Participation	10%
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Total	100%

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Resources:

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- Allocates Money
- Allocates Material & Facility Resources

Interpersonal:

- Participates as a Member of a Team
- Teaches Others
- Serves Clients/Customers
- Exercises Leadership
- Negotiates to Arrive at a Decision
- Works with Cultural Diversity

Technology:

- Selects Technology
- Applies Technology
- Maintains & Troubleshoots Technology

Basic Skills:

- Reading
- Writing
- Arithmetic
- Mathematics
- Listening & Speaking

Information:

- Acquires & Evaluates Information
- Organizes & Maintains Information
- Uses Computers to Process Information

Thinking Skills:

- Creative Thinking
- Decision Making
- Problem Solving
- Seeing Things in the Mind's Eye
- Knowing How to Learn
- Reasoning

Systems:

- Understands Systems
- Monitors & Corrects Performance
- Improves & Designs Systems

Personal Qualities:

- Responsibility
- Self-Esteem
- Sociability
- Self-Management
- Integrity/Honesty

SOCI 2301 — Marriage and the Family

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

Completion of SOCI 1301 or its equivalent with a grade of C or better.

Course Description

Sociological examination of marriage and family life. Problems of courtship, mate selection, and marriage adjustment in modern American society.

THECB Approval Number45.1101.54.25

Statement of Purpose

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Learning Outcomes

Upon successful completion of this course, students will:

1. Identify the study of marriage and the family as a branch of sociological inquiry, and as such, understand the use of scientific methods used to work toward this end.
2. Analyze the social institutions related to the study of marriage and family and their variants across cultures.
3. Examine cultural arrangements for sexual regulation, procreation, economic power, and emotional sustenance as functions of marriage and the family.
4. Identify and explain the functionalist, conflict theorist, and symbolic interactionist perspectives concerning marriage and families.
5. Identify the major changes in the social institutions of marriage and family during the past century.
6. Hypothesize as to the future of the social institutions of marriage and family based on sociological trends as supported by data.

Methods of Evaluation

Students' successful completion of required projects and examinations as well as participation in classroom learning activities is the basis for assessing progress toward course objectives.

Category	Percentage
Assignments, quizzes and other daily grades	15%
Attendance/Participation	10%
Four Periodic Examinations	60%
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Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
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Negotiates to Arrive at a Decision
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Basic Skills:

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Information:

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Thinking Skills:

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Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

SPCH 1311 — Introduction to Speech Communication

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

N/A

Course Description

Theories and practice of communication in interpersonal, small group, and public speech. A broad-based study of the basic principles of the process of human communication with special application to public speaking.

THECB Approval Number23.1304.51.12

Statement of Purpose

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Core Objectives Required for Communication Courses

Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively.

Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making

Learning Outcomes

Upon successful completion of this course, students will:

1. Understand the communication process both in an interpersonal situation and a public speaking setting.

2. Understand the basic principles of speech communication and the respective responsibilities of speakers and listeners.
3. Develop a positive orientation toward speechmaking and presentations before an audience.
4. Learn the basic aspects of speech preparation.
5. Develop the ingredients necessary for quality presentations before a group, including language, delivery, nonverbal communication, and visual aids.
6. Differentiate and deliver specific types of speeches.
7. Improve listening skills.

Methods of Evaluation

Points Possible	Assignment
50	Speech in a Bag
50	Birthday News
100	Informative Speech
150	Intercultural Group Speech with Power Point
100	Persuasive Speech with Power Point
100	Memo Assignment
100	Mid-Term Exam
100	Final Exam
50	Common Experience Assignment
100	Weekly Reflections
100	Attendance

Letter grades will be assigned on the following basis:

Grade	Points
A	900-1000
B	800-899
C	700-799
D	600-699
F	599 and below

Academic Honesty and Integrity

Students attending Frank Phillips College are expected to maintain high standards of personal and scholarly conduct. Academic dishonesty including, but not limited to, cheating, collusion (working with anyone else to produce work for which you take credit without the professor's permission), utilizing resources such as books and notes for a test without the professor's permission, and plagiarism is considered a serious offense and may result in disciplinary actions including:

- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class in accordance with requirements of the course

as established by the instructor.

Students will be excused from class without penalty when either representing the college in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor of the course. These exceptions do not relieve the student of the responsibility of making up the missed work as designated by the instructor concerned.

Students who enroll in one or more college-preparatory course(s) because of TSI deficiency will be administratively withdrawn from all classes if the course in which they are excessively absent is their only preparatory course. For a student enrolled in more than one preparatory course, the student may be dropped from only the course affected by absences.

Any student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day, provided that proper notification of the absence is given to the instructor of the course missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

Cell Phones and Other Electronic Devices Procedure:

Cell phones and electronic devices in the classroom create a distraction for both students and faculty. Cell phones are also considered suspicious during test taking. Therefore, Frank Phillips College outlines the procedure for handling cell phone usage in a classroom as follows:

1. First Offense: the student will be warned verbally by the instructor to turn off the cell phone or electronic device or by appropriate administrative personnel at distance sites. The instructor will make a notation of the infraction.
2. Second Offense: the student will be asked to leave the class period for the day and will receive zeros for any work done in class on that day; a student receiving instruction through remote connection at an off-campus site will be required to attend the class face to face in Borger from this class date forward.
3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the

procedures described in the Academic Policies section of the Frank Phillips College Catalogue. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

Important Information

Frank Phillips College is a Microsoft Office Campus. You must submit your electronic assignments in Microsoft Office programs only. If you do not have Microsoft Office, you may use one of the computer lab sites on campus for your class work.

Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

SPCH 1318 — Interpersonal Communication

Frank Phillips College

General Course Information

Credit Hours: 3

General Education Core Curriculum Course

Prerequisite

N/A

Course Description

Theories and exercises in verbal and nonverbal communication with focus on interpersonal relationships.

THECB Approval Number23.1304.54.12

Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Core Objectives Required for Communication Courses

Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively.

Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience.

- **Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Communication Skills** – to include effective development, interpretation and expression of ideas through written, oral and visual communication
- **Teamwork** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- **Personal Responsibility** – to include the ability to connect choices, actions and consequences to ethical decision-making

Learning Outcomes

Upon successful completion of this course, students will:

1. Improve listening skills.
2. Learn to better control communication apprehension.
3. Improve writing skills.
4. Understand the influence of self-concept on effective communication.
5. Gain theoretical knowledge of the influence of power in interpersonal communication.
6. Better understand the effect of the perceptual process in information processing.
7. Understand some of the theories about relational repair.
8. Acquire knowledge of the functional effects of both verbal and non-verbal messages.

Methods of Evaluation

Points Possible

100
200

Assignment

Introductory Presentation with visual aid
Relationship Journal
Relationship Analysis Paper (50 pts)
Journal Reflection (50 pts)
Journal Entries (100 pts)
Analyzing Celebrity Relationships
Analyzing Relationships from the Movies
Intercultural Group Assignment
Analyzing Public Information
Mid-Term Exam
Final Exam
Common Experience Assignment
Attendance

100
150
150
50
100
100
50
100

Letter grades will be assigned on the following basis:

Grade

A
B
C
D
F

Points

950-1100
800-945
700-849
600-749
599 and below

Academic Honesty and Integrity

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Scans/Or Core Competencies That Will Be Addressed in the Class

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Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

Frank Phillips College
VNSG 1234
Spring 2013

I. General Course Information

Course Number: VNSG 1329

Course Title: Pediatrics

Course Instructor Candi Stribling RN, BSN

Credit Hours: 2

E-mail: cstribling@fpctx.edu

Course Description: This course provides a foundation for pediatric nursing using growth and development concepts as a framework for solving problems and special concerns of the pediatric client. Content includes care of clients with disorders of the endocrine and neurosensory systems, mental health, and care of the child, including preventive measures and health teaching. Another component is the clinical experience; emphasizing clinical decision making, patient care management, prioritizing care, and development of psychomotor skills.

Course Learning Outcomes: The student will describe the underlying principles of selected nursing skills and their relationship to client health status and emotional status. The student will demonstrate satisfactory performance of selected nursing skills utilizing principles of safety; and identifying the nursing process used to solve basic client care problems utilizing appropriate medical terminology.

A series of basic intellectual competencies - - reading, writing, speaking, listening, critical thinking, and computer literacy – are essential to the learning process in any discipline and thus should be included in any core curriculum. Although students can be expected to come to college with some experience in exercising these competencies, they often need further instruction and practice to meet college standards and, later, to succeed in both their major field of academic study and their chosen career or profession. This course will further develop the following basic intellectual competencies:

READING: Reading at the college level means the ability to analyze and interpret a variety of printed materials—books, articles, and documents. A core curriculum should offer students the opportunity to master both general methods of analyzing printed materials and specific methods for analyzing the subject matter of individual disciplines.

WRITING: Competency in writing is the ability to produce clear, correct, and coherent prose adapted to purpose, occasion, and audience. Although correct grammar, spelling, and punctuation are each a sine qua non in any composition, they do not automatically ensure that the composition itself makes sense or that the writer has much of anything to say. Students need to be familiar with the writing process including how to discover a topic and how to develop and organize it, and how to phrase it effectively for their audience. These abilities can be acquired only through practice and reflection.

SPEAKING: Competency in speaking is the ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion and audience. Developing this competency includes acquiring poise and developing control of the language through experience in making presentations to small groups, large groups, and through media outlets.

LISTENING: Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

CRITICAL THINKING: Critical thinking embraces methods for applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies. Problem solving is one of the applications of critical thinking used to address an identified task.

COMPUTER LITERACY: Computer literacy at the college level means the ability to use computer-based technology in communicating, solving problems, and acquiring information. Core-educated students should have an understanding of the limits, problems, and possibilities associated with the use of technology, and should have the tools necessary to evaluate and learn new technologies as they become available.

II. Differentiated Entry Level Competencies (DELC)

ROLE: PROVIDER OF CARE

1. Assist in determining the health status and health needs of clients on interpretation of health-related data and preventative health practices in collaboration with clients, their families, and other members of the immediate health care team.

Expected Outcomes:

1. Identify four steps in a systemic process (i.e. nursing process), which include assessment, planning, implementation, and evaluation.
 2. Become familiar with the basic components of nursing diagnosis (e.g. North American Nursing Diagnosis Association)
 3. Use structured data collection tools and techniques of assessment of clients inclusive of interviewing.
 4. Recognize the characteristics, concepts, and processes related to clients, including gross anatomy; basic psychology; psychosocial growth and development; gross psychopathology; ethical reasoning; and major cultural and spiritual beliefs and practices related to health, illness, birth, death, and dying.
 5. Recognize the basic characteristics, concepts, and processes related to transmission of common communicable diseases including individual risk factors and preventative health practices.
 6. Develop an understanding of common medical diagnoses, drug and other therapies and treatments.
2. Assist the formulation of goals/outcomes and a plan of care in collaboration with the client, their families, and interdisciplinary health care team members.

Expected Outcomes:

1. Develop an understanding of the dynamics of the nurse client relationship.
 2. Recognize written, verbal, and non-verbal modes of communication including information technologies.
 3. Become aware of the fundamental principles of disease prevention, promotion of health and wellness, and the restoration of health.
 4. Develop basic intervention skills designed to support the client and family during the various life stages, including death and dying.
 5. Recognize the relationship between the nursing plan of care, the plan of care of other health care professionals, and the therapeutic regimen.
 6. Develop criteria for setting priorities in planning and evaluating care for the client.
 7. Understand the steps and procedures of discharge planning.
3. Implement plan of care within legal and ethical parameters including scope of education, in collaboration with the client and interdisciplinary health care team to assist client in meeting health care needs.

Expected Outcomes:

1. Become aware of common health practices and behaviors of clients related to developmental level, gender, cultures, belief systems, and the environment.
 2. Develop methods of therapeutic communication.
 3. Identify the basic physiological and psychosocial (spiritual, cultural, gender, developmental level, financial) aspects of nursing interventions.
 4. Recognize basic rights and responsibilities of clients related to health care.
 5. Recognize the fundamental principles and factors that contribute to the maintenance or restoration of health.
 6. Develop understanding of properties, effects, and basic principles underlying the use and administration of pharmacotherapeutic agents.
 7. Understand the principles of safety.
 8. Identify coping mechanisms for managing stress.
 9. Identify resources available for crisis management
 10. Become familiar with the code of vocational nurse ethics, which will impact the practice of vocational nursing and health care.
 11. Become familiar with the legal parameters of vocational nursing practice.
 12. Become familiar with the available resources within the employment setting.
 13. Understand the key federal and state statutes and institutional policies regarding patient confidentiality.
 14. Become competent in performing nursing skills/procedures.
4. Implement teaching plan for client with common health problems and well-defined learning needs.

Expected Outcomes:

1. Identify how developmental stages may affect learning by the client.
 2. Identify situational variables, which may affect learning by the client (i.e. stress, pain, and fear).
 3. Develop teaching techniques, which will enhance and facilitate client teaching
 4. Identify methods to evaluate the client's level of learning.
 5. Determine "Links between healthy lifestyles, prevention, and cost of healthcare."
5. Assist in the evaluation of the client's responses and outcomes to therapeutic interventions

Expected Outcomes:

1. Recognize common methods for measuring client health-goal attainment.
 2. Utilize basic tools for evaluating the effectiveness of specific nursing interventions.
6. Provide direct basic care to assigned multiple clients in structured settings.

Expected Outcomes:

1. Become aware of institutional policies and procedures for delivery of nursing care.
2. Become aware of the basic characteristics, trends, and issues of the health care delivery system.
3. Recognize the basis for determining nursing care priorities in client care.
4. Become aware of the scope of responsibility and accountability as it relates to supervision, and - collaboration.
5. Utilize the channels of communication for decision-making processes within the work setting.
7. Use the problem solving approach as the basis for decision making in practice.

Expected Outcomes:

1. Utilize a systematic problem solving process.
2. Develop an understanding of the need for establishing priorities.
3. Utilize work-setting resources available to assist in decision-making.
4. Understand the ways that nursing research can improve client care.

ROLE: COORDINATOR OF CARE

1. Assist in the coordination of human and material resources for the provision of care for assigned clients

Expected Outcome:

1. Utilize basic principles of organizing resources necessary to provide quality care.
2. Develop principles of problem solving, data collection, and basic time management skills
3. Recognize the functions of team members.
4. Recognize the cultural differences of clients.
2. Collaborate with clients and the interdisciplinary health care team to provide direct care to assigned individual clients.

Expected Outcome:

1. Recognize the basic structure and function of the health care delivery system.
2. Develop an understanding of the need for effective communication techniques.
3. Develop an understanding of the roles of all levels of nursing and other health care professionals.
4. Understand the need for client advocacy and consumer rights and responsibilities.
3. Participate in the identification of clients needs for referral to resources that facilitate continuity of care.

Expected Outcome:

1. Become aware of institutional and community resources.
2. Become aware of the roles of family dynamics and significant others support to individual client.
4. Participate in activities, which support the organizational framework of structured health care settings.

Expected Outcome:

1. Understand the organizational mission, vision, and values as a framework for care.
2. Demonstrate awareness of lines of authority and accountability within structured health care settings.
3. Recognize methods for promoting safety in the work environment.
4. Identify the role of the VN in risk management,
5. Identify the role of the VN in implementing established cost containment measures

ROLE: MEMBER OF A PROFESSION:

1. Demonstrate accountability for own nursing care.

Expected Outcome:

1. Become familiar with the code of ethics for the LVN.
2. Recognize the standards of vocational nursing education.
3. Become aware of legalities of VN practice.
4. Recognize issues affecting the role of the VN and the delivery of care.
5. Understand available sources of continuing education and professional development.
6. Develop a self-evaluation process.
7. Develop an understanding of work setting policies and procedures.
8. Recognize professional boundaries.
2. Participate as an advocate in activities that focus on improving the health care of clients.

Expected Outcome:

1. Recognize the rights and responsibilities of clients regarding health care, including self-determination.
2. Recognize the individual's responsibility for quality of nursing care.
3. Understand the individual nurse's role in the quality improvement/quality assurance process.
4. Recognize the responsibility for reporting to licensing and public protective agencies.
3. Demonstrate behaviors that promote the development and practice of vocational nursing.

Expected Outcome:

1. Become aware of the historical evolution of nursing practice.
2. Become aware of the issues affecting the development and practice of vocational nursing, including multistate licensing.
3. Become familiar with the role of major vocational nursing organizations, regulatory agencies, and health care organizations.
4. Recognize the factors affecting the public image of nursing.
5. Recognize the distinctions between LVN and RN roles.

III. Objectives/Terminal Objectives

All Frank Phillips College courses work together to meet the following objectives:

1. Establish broad and multiple perspectives of the individual in relationship to the larger society and world in which he/she lives, and to understand the responsibilities of living in a culturally and ethnically diverse world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspect of life in order to understand ways in which to be a responsible member of society;
3. Recognize the importance of maintaining health and wellness;
4. Develop a capacity to use knowledge of how technology and science affect their lives;
5. Develop personal values for ethical behavior;
6. Develop the ability to make aesthetic judgments;
7. Use logical reasoning in problem solving; and
8. Integrate knowledge and understand the interrelationships of scholarly disciplines.

In addition, this course will meet the specific objectives that follow (**please note that specific applications and objectives for each component are listed in the nursing handbook under the course name):

1. Describe how the nursing process is used by the LPN/LVN to prioritize client care based on Maslow's hierarchy of needs.
2. Explain the importance of ethical and legal performance in nursing practice and decision making.
3. Discuss the basic concepts and attributes of culturally diverse clients and families and how it influences nursing care.
4. Identify alternative and complementary therapies and related safety issues.
5. Discuss the common causes, signs and symptoms, treatment, and client education for fluid and electrolyte imbalances.
6. Identify the rationale for use of IV therapy including IV solutions and methods of administration.
7. Discuss the growing child and family.
8. Discuss the general characteristics differences in different stages of development.

9. Discuss the child experience and reaction to hospitalization.
10. Admission of pediatric client to hospital, assessment, physiological metabolism and absorption of medications.
11. Nursing responsibilities in administering medications to infants and children.
12. Discuss the child with a sensory or neurological conditions.
13. Discuss the observation of the musculoskeletal system in growing child. Review traumatic injuries and disorders of the musculoskeletal system.
14. Discuss the child with respiratory or cardiovascular system.
15. Identify the uniqueness of the child with a condition of the blood, blood-forming organs, or lymphatic system.
16. A overview of the child with gastrointestinal condition.
17. Skin development and function and manifestations of illness.
18. Overview of child with metabolic condition and common dysfunctions.
19. Communicable diseases common in childhood and transmission based precautions.
20. The nurse's role for a emotional or behavior condition and effects on growth and development.

IV. Textbook and Other Required Materials

Introduction to Maternity & Pediatric Nursing, 6th Edition, Gloria Leifer, MA, RN (2011)/Saunders Elsevier

Introduction to Maternity & Pediatric Nursing Student Learning Guide, 6th edition, Gloria Leifer, MA, RN (2011)/Saunders Elsevier

V. Classroom Policy and Instructor Expectations

Additional assignments may be given at any time during the course.
Workbook assignments may be graded at any time at the discretion of the instructor.
Pop quizzes will be given during regularly scheduled classes.
Major exams will be given as stated on the class schedule.
A final exam will be given at the conclusion of this course.

In order to continue in the nursing program, a final grade average of 75 must be obtained.

NONDISCRIMINATION ON A BASIS OF DISABILITY

Refer to the Frank Phillips College 2011-2012 Catalog.

Instructor/Student Conferences are available for special needs upon request.

VI. Attendance Requirements

As stated in the Vocational Nursing Student Policy Handbook

VII. Methods of Evaluation

At the end of the course, following the administration of the final exam, the grade will be obtained as follows:

Daily Quizzes, additional assignments, workbook	20%
Major Exam Grades	50%
Final Exam Grades	25%
HESI Exam	5%

In order to be eligible to take the FINAL EXAM and HESI the student must have an EXAM average of 74.45 or higher.

Frank Phillips College Vocational Nursing Program Grade Scale:

- A – 92-100
- B – 83-91
- C – 75-82
- D – 60-74
- F – 0-59

IX. Correlation to Stated Mission Goals of Frank Phillips College

Provide introduction and application of medical surgical nursing with emphasis on the disease processes;

Provide, assist, and promote the use of learning resources;

Participate and contribute to the medical surgical field in which we practice; and

Acquire skills, facts, values, and attitudes necessary to function and contribute to our society.

Candi Stribling RN, BSN

VNSG 1234

(806) 4574200 ext. 830

E-mail: cstribling@fpctx.edu

Office Hours:

Borger FPC Campus on Mondays from 8:00am-4:30pm, Tues-Thurs 6:00 am-5:00 pm are clinical days and I am at the Pampa Hospital. Fridays I'm off unless mandatory meetings on campus.

Frank Phillips College
VNSG 1329
Spring 2013

I. General Course Information

Course Number: VNSG 1329

Course Title: Medical Surgical Nursing I

Course Instructor: Regina Walsh RN

Credit Hours: 3

E-mail: rwalsh@fpctx.edu

Course Description: Application of the nursing process to the care of adult patients experiencing medical-surgical conditions in the health-illness continuum. A variety of health care settings are utilized. The student will identify the components of the health-illness continuum; identify prevalent medical-surgical conditions affecting the adult; and utilize the nursing process to assist in developing a plan of care for selected medical-surgical conditions.

Course Learning Outcomes: The student will describe the underlying principles of selected nursing skills and their relationship to client health status and emotional status. The student will demonstrate satisfactory performance of selected nursing skills utilizing principles of safety; and identify the nursing process used to solve basic client care problems across the life span utilizing appropriate medical terminology.

A series of basic intellectual competencies - - reading, writing, speaking, listening, critical thinking, and computer literacy – are essential to the learning process in any discipline and thus should inform any core curriculum. Although students can be expected to come to college with some experience in exercising these competencies, they often need further instruction and practice to meet college standards and, later, to succeed in both their major field of academic study and their chosen career or profession. This course will further develop the following basic intellectual competencies:

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LISTENING: Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

CRITICAL THINKING: Critical thinking embraces methods for applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies. Problem solving is one of the applications of critical thinking used to address an identified task.

COMPUTER LITERACY: Computer literacy at the college level means the ability to use computer-based technology in communicating, solving problems, and acquiring information. Core-educated students should have an understanding of the limits, problems, and possibilities associated with the use of technology, and should have the tools necessary to evaluate and learn new technologies as they become available.

II. Differentiated Entry Level Competencies (DELC)

ROLE: PROVIDER OF CARE

1. Assist in determining the health status and health needs of clients on interpretation of health-related data and preventative health practices in collaboration with clients, their families, and other members of the immediate health care team.

Expected Outcomes:

1. Identify four steps in a systemic process (i.e. nursing process), which include assessment, planning, implementation, and evaluation.
2. Become familiar with the basic components of nursing diagnosis (e.g. North American Nursing Diagnosis Association)
3. Use structured data collection tools and techniques of assessment of clients inclusive of interviewing.
4. Recognize the characteristics, concepts, and processes related to clients, including gross anatomy; basic psychology; psychosocial growth and development; gross psychopathology; ethical reasoning; and major cultural and spiritual beliefs and practices related to health, illness, birth, death, and dying.
5. Recognize the basic characteristics, concepts, and processes related to transmission of common communicable diseases including individual risk factors and preventative health practices.

6. Develop an understanding of common medical diagnoses, drug and other therapies and treatments.
2. Assist the formulation of goals/outcomes and a plan of care in collaboration with the client, their families, and interdisciplinary health care team members.

Expected Outcomes:

1. Develop an understanding of the dynamics of the nurse client relationship.
 2. Recognize written, verbal, and non-verbal modes of communication including information technologies.
 3. Become aware of the fundamental principles of disease prevention, promotion of health and wellness, and the restoration of health.
 4. Develop basic intervention skills designed to support the client and family during the various life stages, including death and dying.
 5. Recognize the relationship between the nursing plan of care, the plan of care of other health care professionals, and the therapeutic regimen.
 6. Develop criteria for setting priorities in planning and evaluating care for the client.
 7. Understand the steps and procedures of discharge planning.
3. Implement plan of care within legal and ethical parameters including scope of education, in collaboration with the client and interdisciplinary health care team to assist client in meeting health care needs.

Expected Outcomes:

1. Become aware of common health practices and behaviors of clients related to developmental level, gender, cultures, belief systems, and the environment.
2. Develop methods of therapeutic communication.
3. Identify the basic physiological and psychosocial (spiritual, cultural, gender, developmental level, financial) aspects of nursing interventions.
4. Recognize basic rights and responsibilities of clients related to health care.
5. Recognize the fundamental principles and factors that contribute to the maintenance or restoration of health.
6. Develop understanding of properties, effects, and basic principles underlying the use and administration of pharmacotherapeutic agents.
7. Understand the principles of safety.
8. Identify coping mechanisms for managing stress.
9. Identify resources available for crisis management
10. Become familiar with the code of vocational nurse ethics, which will impact the practice of vocational nursing and health care.
11. Become familiar with the legal parameters of vocational nursing practice.
12. Become familiar with the available resources within the employment setting.
13. Understand the key federal and state statutes and institutional policies regarding patient confidentiality.
14. Become competent in performing nursing skills/procedures.

4. Implement teaching plan for client with common health problems and well-defined learning needs.

Expected Outcomes:

1. Identify how developmental stages may affect learning by the client.
2. Identify situational variables, which may affect learning by the client (i.e. stress, pain, and fear).
3. Develop teaching techniques, which will enhance and facilitate client teaching
4. Identify methods to evaluate the client's level of learning.
5. Determine "Links between healthy lifestyles, prevention, and cost of healthcare."

5. Assist in the evaluation of the client's responses and outcomes to therapeutic interventions

Expected Outcomes:

1. Recognize common methods for measuring client health-goal attainment.
2. Utilize basic tools for evaluating the effectiveness of specific nursing interventions.

6. Provide direct basic care to assigned multiple clients in structured settings.

Expected Outcomes:

1. Become aware of institutional policies and procedures for delivery of nursing care.
2. Become aware of the basic characteristics, trends, and issues of the health care delivery system.
3. Recognize the basis for determining nursing care priorities in client care.
4. Become aware of the scope of responsibility and accountability as it relates to supervision, and - collaboration.
5. Utilize the channels of communication for decision-making processes within the work setting.

7. Use the problem solving approach as the basis for decision making in practice.

Expected Outcomes:

1. Utilize a systematic problem solving process.
2. Develop an understanding of the need for establishing priorities.
3. Utilize work-setting resources available to assist in decision-making.
4. Understand the ways that nursing research can improve client care.

ROLE: COORDINATOR OF CARE

1. Assist in the coordination of human and material resources for the provision of care for assigned clients

Expected Outcome:

1. Utilize basic principles of organizing resources necessary to provide quality care.
 2. Develop principles of problem solving, data collection, and basic time management skills
 3. Recognize the functions of team members.
 4. Recognize the cultural differences of clients.
2. Collaborate with clients and the interdisciplinary health care team to provide direct care to assigned individual clients.

Expected Outcome:

1. Recognize the basic structure and function of the health care delivery system.
 2. Develop an understanding of the need for effective communication techniques.
 3. Develop an understanding of the roles of all levels of nursing and other health care professionals.
 4. Understand the need for client advocacy and consumer rights and responsibilities.
 3. Participate in the identification of clients needs for referral to resources that facilitate continuity of care.
- Expected Outcome:
1. Become aware of institutional and community resources.
 2. Become aware of the roles of family dynamics and significant others support to individual client.
 4. Participate in activities, which support the organizational framework of structured health care settings.

Expected Outcome:

1. Understand the organizational mission, vision, and values as a framework for care.
 2. Demonstrate awareness of lines of authority and accountability within structured health care settings.
 3. Recognize methods for promoting safety in the work environment.
 4. Identify the role of the VN in risk management,
 5. Identify the role of the VN in implementing established cost containment measures

ROLE: MEMBER OF A PROFESSION:

1. Demonstrate accountability for own nursing care.

Expected Outcome:

1. Become familiar with the code of ethics for the LVN.
 2. Recognize the standards of vocational nursing education.
 3. Become aware of legalities of VN practice.

4. Recognize issues affecting the role of the VN and the delivery of care.
 5. Understand available sources of continuing education and professional development.
 6. Develop a self-evaluation process.
 7. Develop an understanding of work setting policies and procedures.
 8. Recognize professional boundaries.
2. Participate as an advocate in activities that focus on improving the health care of clients.

Expected Outcome:

1. Recognize the rights and responsibilities of clients regarding health care, including self-determination.
 2. Recognize the individual's responsibility for quality of nursing care.
 3. Understand the individual nurse's role in the quality improvement/quality assurance process.
 4. Recognize the responsibility for reporting to licensing and public protective agencies.
3. Demonstrate behaviors that promote the development and practice of vocational nursing.

Expected Outcome:

1. Become aware of the historical evolution of nursing practice.
2. Become aware of the issues affecting the development and practice of vocational nursing, including multistate licensing.
3. Become familiar with the role of major vocational nursing organizations, regulatory agencies, and health care organizations.
4. Recognize the factors affecting the public image of nursing.
5. Recognize the distinctions between LVN and RN roles.

III. Objectives/Terminal Objectives

All Frank Phillips College courses work together to meet the following objectives:

1. Establish broad and multiple perspectives of the individual in relationship to the larger society and world in which he/she lives, and to understand the responsibilities of living in a culturally and ethnically diverse world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspect of life in order to understand ways in which to be a responsible member of society;
3. Recognize the importance of maintaining health and wellness;
4. Develop a capacity to use knowledge of how technology and science affect their lives;
5. Develop personal values for ethical behavior;
6. Develop the ability to make aesthetic judgments;
7. Use logical reasoning in problem solving; and

8. Integrate knowledge and understand the interrelationships of scholarly disciplines.

In addition, this course will meet the specific objectives that follow (**please note that specific applications and objectives for each component are listed in the nursing handbook under the course name):

1. Describe how the nursing process is used by the LPN/LVN to prioritize client care based on Maslow's hierarchy of needs.
2. Explain the importance of ethical and legal performance in nursing practice and decision making.
3. Discuss the basic concepts and attributes of culturally diverse clients and families and how it influences nursing care.
4. Identify alternative and complementary therapies and related safety issues.
5. Discuss the common causes, signs and symptoms, treatment, and client education for fluid and electrolyte imbalances.
6. Identify the rationale for use of IV therapy including IV solutions and methods of administration.
7. Discuss infectious diseases, the chain of infection, immunity, diagnosis, treatment, and safety precautions for health care.
8. Explain the pathophysiology, etiology, signs and symptoms, categories, and treatment for shock.
9. Explain the physiology of pain, its effects and methods for effective management both pharmacologic and non-pharmacologic.
10. Describe the variety of treatment methods for cancer and their nursing implications and nursing interventions.
11. Explain the process for the surgical client from admission through discharge including nursing interventions.
12. Explain emergent conditions, prioritizing, assessment, and interventions essential to nursing care.
13. Identify the uniqueness of the gerontological client associated with physical, mental, and emotional changes and special needs of the client and family.
14. Describe the psychosocial, growth and development, and the physiological needs of the client across the life span.
15. Identify common, overt, actual, and potential primary healthcare needs of the client related to the cardiovascular, respiratory, hematopoietic and lymphatic systems.
16. Explain the expected physical changes & discuss nursing interventions the nurse would provide for a patient at the end of life. Discuss choices that are available to patients at the end of their life as well as communicating to the dying patient & their families.
17. Discuss the etiologies, signs, & symptoms of immune system disorders. Explain data to be collected and the type of nursing care to be provided for a patient with immune disorders.
18. Identify the prognosis, preventive measures, & a teaching plan for patients with HIV and acquired immunodeficiency syndrome (AIDS).

IV. Textbook and Other Required Materials

deWit, Susan and Candice Kumagai., Medical and Surgical Nursing-Concepts and Practice 2nd edition 2013,(2009)Saunders/Elsevier

deWit, Susan and Candice Kumagai., Medical and Surgical Nursing-Concepts and Practice Student Workbook 2nd edition 2013,(2009)Saunders/Elsevier

V. Classroom Policy and Instructor Expectations

Additional assignments may be given at any time during the course.
Workbook assignments may be graded at any time at the discretion of the instructor.
Pop quizzes will be given during regularly scheduled classes.
Major exams will be given as stated on the class schedule.
A final exam will be given at the conclusion of this course.

In order to continue in the nursing program, a final grade average of 75 must be obtained.

NONDISCRIMINATION ON A BASIS OF DISABILITY

Refer to the Frank Phillips College 2008-2009 Catalog.

Instructor/Student Conferences are available for special needs upon request.

VI. Additional/Supplemental References

Available student library materials related to the Medical Surgical field.

VII. Attendance Requirements

As stated in the Vocational Nursing Student Policy Handbook

VIII. Methods of Evaluation

At the end of the course, following the administration of the final exam, the grade will be obtained as follows:

Daily Quizzes, additional assignments, workbook	25%
Major Exam Grades	50%
Final Exam Grades	20%
HESI	5%

Frank Phillips College Vocational Nursing Program Grade Scale:

A – 91.5-100

B – 82.5-91.4

C – 74.5-82.4

D – 60-74.4

F – 0-59

There must be a passing test average of 78 in order to sit for the final exam.

IX. Correlation to Stated Mission Goals of Frank Phillips College

Provide introduction and application of medical surgical nursing with emphasis on the disease processes;

Provide, assist, and promote the use of learning resources;

Participate and contribute to the medical surgical field in which we practice; and

Acquire skills, facts, values, and attitudes necessary to function and contribute to our society.

Regina Walsh RN

VNSG 1329

(806) 457-4200 ext 608

E-mail: rwalsh@fpctx.edu

Office Hours:

I am in my office 0800-1630 Monday and Friday. On Tuesday, Wednesday and Thursday Clinical Days I will be available 0630-1530.

Frank Phillips College
VNSG 1332
Spring 2013

I. General Course Information

Course Number: VNSG 1332

Course Title: Medical Surgical Nursing II

Course Instructor: Peggy Quinn RN

Credit Hours: 3

E-mail: pquinn@fpctx.edu

Course Description: Medical Surgical Nursing II is a continuation of Medical Surgical Nursing I with application of the nursing process to the care of the adult patient experiencing medical-surgical conditions along the health-illness continuum in a variety of health care settings.

End-of-course Outcomes: Explain the components of the health-illness continuum; assess prevalent medical-surgical conditions affecting the adult client; and utilizing the nursing process to assist in developing a plan of care for selected medical-surgical conditions.

READING: Reading at the college level means the ability to analyze and interpret a variety of printed materials—books, articles, and documents. A core curriculum should offer students the opportunity to master both general methods of analyzing printed materials and specific methods for analyzing the subject matter of individual disciplines.

WRITING: Competency in writing is the ability to produce clear, correct, and coherent prose adapted to purpose, occasion, and audience. Although correct grammar, spelling, and punctuation are each a sine qua non in any composition, they do not automatically ensure that the composition itself makes sense or that the writer has much of anything to say. Students need to be familiar with the writing process including how to discover a topic and how to develop and organize it, how to phrase it effectively for their audience. These abilities can be acquired only through practice and reflection.

SPEAKING: Competence in speaking is the ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion and audience. Developing this competency includes acquiring poise and developing control of the language through experience in making presentations to small groups, large groups, and through the media.

LISTENING: Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

CRITICAL THINKING: critical thinking embraces methods for applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies. Problem solving is one of the applications of critical thinking used to address an identified task.

COMPUTER LITERACY: Computer literacy at the college level means the ability to use computer-based technology in communicating, solving problems, and acquiring information. Core-educated students should have an understanding of the limits, problems, and possibilities associated with the use of technology, and should have the tools necessary to evaluate and learn new technologies as they become available.

II. Differentiated Entry Level Competencies (DEL C)

ROLE: PROVIDER OF CARE

1. Assist in determining the health status and health needs of clients on interpretation of health-related data and preventative health practices in collaboration with clients, their families, and other members of the immediate health care team.

Expected Outcomes:

1. Identify four steps in a systemic process (i.e. nursing process), which include assessment, planning, implementation, and evaluation.
 2. Become familiar with the basic components of nursing diagnosis (e.g. North American Nursing Diagnosis Association)
 3. Use structured data collection tools and techniques of assessment of clients inclusive of interviewing.
 4. Recognize the characteristics, concepts, and processes related to clients, including gross anatomy; basic psychology; psychosocial growth and development; gross psychopathology; ethical reasoning; and major cultural and spiritual beliefs and practices related to health, illness, birth, death, and dying.
 5. Recognize the basic characteristics, concepts, and processes related to transmission of common communicable diseases including individual risk factors and preventative health practices.
 6. Develop an understanding of common medical diagnoses, drug and other therapies and treatments.
2. Assist the formulation of goals/outcomes and a plan of care in collaboration with the client, their families, and interdisciplinary health care team members.

Expected Outcomes:

1. Develop an understanding of the dynamics of the nurse client relationship.
2. Recognize written, verbal, and non-verbal modes of communication including information technologies.
3. Become aware of the fundamental principles of disease prevention, promotion of health and wellness, and the restoration of health.
4. Develop basic intervention skills designed to support the client and family during the various life stages, including death and dying.
5. Recognize the relationship between the nursing plan of care, the plan of care of other health care professionals, and the therapeutic regimen.
6. Develop criteria for setting priorities in planning and evaluating care for the client.
7. Understand the steps and procedures of discharge planning.

3. Implement plan of care within legal and ethical parameters including scope of education, in collaboration with the client and interdisciplinary health care team to assist client in meeting health care needs.

Expected Outcomes:

1. Become aware of common health practices and behaviors of clients related to developmental level, gender, cultures, belief systems, and the environment.
 2. Develop methods of therapeutic communication.
 3. Identify the basic physiological and psychosocial (spiritual, cultural, gender, developmental level, financial) aspects of nursing interventions.
 4. Recognize basic rights and responsibilities of clients related to health care.
 5. Recognize the fundamental principles and factors that contribute to the maintenance or restoration of health.
 6. Develop understanding of properties, effects, and basic principles underlying the use and administration of pharmacotherapeutic agents.
 7. Understand the principles of safety.
 8. Identify coping mechanisms for managing stress.
 9. Identify resources available for crisis management
 10. Become familiar with the code of vocational nurse ethics, which will impact the practice of vocational nursing and health care.
 11. Become familiar with the legal parameters of vocational nursing practice.
 12. Become familiar with the available resources within the employment setting.
 13. Understand the key federal and state statutes and institutional policies regarding patient confidentiality.
 14. Become competent in performing nursing skills/procedures.
4. Implement teaching plan for client with common health problems and well-defined learning needs.

Expected Outcomes:

1. Identify how developmental stages may affect learning by the client.
 2. Identify situational variables, which may affect learning by the client (i.e. stress, pain, and fear).
 3. Develop teaching techniques, which will enhance and facilitate client teaching
 4. Identify methods to evaluate the client's level of learning.
 5. Determine "Links between healthy lifestyles, prevention, and cost of healthcare."
5. Assist in the evaluation of the client's responses and outcomes to therapeutic interventions

Expected Outcomes:

1. Recognize common methods for measuring client health-goal attainment.
 2. Utilize basic tools for evaluating the effectiveness of specific nursing interventions.
6. Provide direct basic care to assigned multiple clients in structured settings.

Expected Outcomes:

1. Become aware of institutional policies and procedures for delivery of nursing care.
2. Become aware of the basic characteristics, trends, and issues of the health care delivery system.
3. Recognize the basis for determining nursing care priorities in client care.
4. Become aware of the scope of responsibility and accountability as it relates to supervision, and - collaboration.
5. Utilize the channels of communication for decision-making processes within the work setting.
7. Use the problem solving approach as the basis for decision making in practice.

Expected Outcomes:

1. Utilize a systematic problem solving process.
2. Develop an understanding of the need for establishing priorities.
3. Utilize work-setting resources available to assist in decision-making.
4. Understand the ways that nursing research can improve client care.

ROLE: COORDINATOR OF CARE

1. Assist in the coordination of human and material resources for the provision of care for assigned clients

Expected Outcome:

1. Utilize basic principles of organizing resources necessary to provide quality care.
2. Develop principles of problem solving, data collection, and basic time management skills
3. Recognize the functions of team members.
4. Recognize the cultural differences of clients.

2. Collaborate with clients and the interdisciplinary health care team to provide direct care to assigned individual clients.

Expected Outcome:

1. Recognize the basic structure and function of the health care delivery system.
2. Develop an understanding of the need for effective communication techniques.
3. Develop an understanding of the roles of all levels of nursing and other health care professionals.
4. Understand the need for client advocacy and consumer rights and responsibilities.

3. Participate in the identification of clients needs for referral to resources that facilitate continuity of care.

Expected Outcome:

1. Become aware of institutional and community resources.
2. Become aware of the roles of family dynamics and significant others support to individual client.

4. Participate in activities, which support the organizational framework of structured health care settings.

Expected Outcome:

1. Understand the organizational mission, vision, and values as a framework for care.
2. Demonstrate awareness of lines of authority and accountability within structured health care settings.
3. Recognize methods for promoting safety in the work environment.
4. Identify the role of the VN in risk management,
5. Identify the role of the VN in implementing established cost containment measures

ROLE: MEMBER OF A PROFESSION:

1. Demonstrate accountability for own nursing care.

Expected Outcome:

1. Become familiar with the code of ethics for the LVN.
2. Recognize the standards of vocational nursing education.
3. Become aware of legalities of VN practice.
4. Recognize issues affecting the role of the VN and the delivery of care.
5. Understand available sources of continuing education and professional development.
6. Develop a self-evaluation process.
7. Develop an understanding of work setting policies and procedures.
8. Recognize professional boundaries.

2. Participate as an advocate in activities that focus on improving the health care of clients.

Expected Outcome:

1. Recognize the rights and responsibilities of clients regarding health care, including self-determination.
2. Recognize the individual's responsibility for quality of nursing care.
3. Understand the individual nurse's role in the quality improvement/quality assurance process.
4. Recognize the responsibility for reporting to licensing and public protective agencies.

3. Demonstrate behaviors that promote the development and practice of vocational nursing.

Expected Outcome:

1. Become aware of the historical evolution of nursing practice.
2. Become aware of the issues affecting the development and practice of vocational nursing, including multistate licensing.
3. Become familiar with the role of major vocational nursing organizations, regulatory agencies, and health care organizations.
4. Recognize the factors affecting the public image of nursing.
5. Recognize the distinctions between LVN and RN roles.

III. Objectives/Terminal Objectives

All Frank Phillips College courses work together to meet the following objectives:

1. Establish broad and multiple perspectives of the individual in relationship to the larger society and world in which he/she lives, and to understand the responsibilities of living in a culturally and ethnically diverse world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspect of life in order to understand ways in which to be a responsible member of society;
3. Recognize the importance of maintaining health and wellness;
4. Develop a capacity to use knowledge of how technology and science affect their lives;
5. Develop personal values for ethical behavior;
6. Develop the ability to make aesthetic judgments;
7. Use logical reasoning in problem solving; and
8. Integrate knowledge and understand the interrelationships of scholarly disciplines.

In addition, this course will meet the specific objectives that follow (**please note that specific applications and objectives for each component are listed in the nursing handbook under the course name):

1. Identify common, overt, actual, and potential primary healthcare needs of the client related to the following systems:
 - a. Gastrointestinal System
 - b. Liver, Gallbladder, and Pancreas
 - c. Urinary and Renal Systems
 - d. Endocrine System
 - e. Reproductive System
 - f. Musculoskeletal System
 - g. Neurological System
 - h. Sensory Systems
 - i. Integumentary System
2. Identify common medical/surgical diagnoses, treatment modalities, nursing interventions and client teaching including preventive measures for disorders of the following body systems:
 - a. Gastrointestinal System
 - b. Liver, Gallbladder, and Pancreas
 - c. Urinary and Renal Systems
 - d. Endocrine System
 - e. Musculoskeletal System
 - f. Neurological System
 - g. Integumentary System
 - h. Emergency and Disaster Management
3. Identify pharmacological agents and related nursing interventions for the following body systems:
 - a. Gastrointestinal System
 - b. Liver, Gallbladder, and Pancreas

- c. Urinary and Renal Systems
 - d. Endocrine System
 - e. Musculoskeletal System
 - f. Neurological System
 - g. Integumentary System
 - h. Emergency and Disaster Management
4. Demonstrate competency in dosage calculations.

IV. Textbook and Other Required Materials

Medical-Surgical Nursing, 2nd edition by Susan deWit, Candice Kumagai, (2013) (2009) Elsevier/Saunders

Medical-Surgical Nursing Student Learning Guide, 2nd edition by Susan deWit, Candice Kumagai, (2013) (2009), Elsevier/Saunders

Davis's Drug Guide for Nurses 11th edition, by F.A Davis, Deglin/Vallerand

V. COURSE POLICIES AND INSTRUCTOR EXPECTATIONS

Additional assignments may be given at any time during the course.

Workbook assignments may be graded at any time at the discretion of the instructor.

Pop quizzes will be given during regularly scheduled classes.

Major exams will be given as stated on the class schedule.

A final exam will be given at the conclusion of this course.

IN ORDER TO CONTINUE IN THE NURSING PROGRAM, A FINAL GRADE OF 75 MUST BE OBTAINED.

NONDISCRIMINATION ON A BASIS OF DISABILITY

Refer to the Frank Phillips College 2009-2010 Catalog.

Instructor/Student Conferences are available for special needs upon request.

VI. ADDITIONAL/SUPPLEMENTAL REFERENCES

Available Student Library Materials related to the Medical Surgical field.

VII. ATTENDANCE REQUIREMENTS

As stated in the Vocational Nursing Student Policy Handbook

VIII. METHODS OF EVALUATION

Daily Quizzes, additional assignments/participation:	20 %
Major Exam Grades:	50 %

Final Exam:
HESI

20 %
5%

Frank Phillips College Vocational Nursing Program Grade Scale:

- A – 92-100
- B – 83-91
- C – 75-82
- D – 60-74
- E – 0-59

Correlation to Stated Mission Goals of Frank Phillips College

- a. Provide introduction and application of medical surgical nursing with emphasis on the disease processes;
- b. Provide, assist, and promote the use of learning resources;
- c. Participate and contribute to the medical surgical field in which we practice; and
- d. Acquire skills, facts, values, and attitudes necessary to function and contribute to our society.

Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Frank Phillips College Catalogue on pages 45 and 46. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

WLDG 1202 — Fundamentals of Gas Metal Arc Welding (GMAW)

Frank Phillips College

General Course Information

Credit Hours: 2

Prerequisite

None

Course Description

A study of the fundamental principles of gas metal arc welding (GMAW), setup and use of GMAW equipment, and safe use of tools and equipment. Instruction in various basic weld joints.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Recognize and distinguish GMAW power sources and current properties.
2. Examine and identify parts of GMAW equipment.
3. Identify gasses and wires utilized for various duties.
4. Compare setup of equipment for various duties.
5. Perform GMAW with solid wire.
6. Perform GMAW with Dual Shield wires.
7. Perform FCAW Flux Cored Arc Welding.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F
Attendance Percentage	Grade
90 – 100	100
80 – 90	90
70 – 80	80
60 – 70	70
0 – 60	50

Academic Honesty and Integrity

Students attending Frank Phillips College are expected to maintain high standards of personal and scholarly conduct. Academic dishonesty including, but not limited to, cheating, collusion (working with anyone else to produce work for which you take credit without the professor's permission), utilizing resources such as books and notes for a test without the professor's permission, and plagiarism is considered a serious offense and may result in disciplinary actions including:

- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance*

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class in accordance with requirements of the course as established by the instructor.

Students will be excused from class without penalty when either representing the college in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor of the course. These exceptions do not relieve the student of the responsibility of making up the missed work as designated by the instructor concerned.

Students who enroll in one or more college-preparatory course(s) because of TSI deficiency will be administratively withdrawn from all classes if the course in which they are excessively absent is their only preparatory course. For a student enrolled in more than one preparatory course, the student may be dropped from only the course affected by absences.

Any student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day, provided that proper notification of the absence is given to the instructor of the course missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

Welding Program Attendance Requirements*

Attendance at all class sessions is expected of all students. This is a significant part of instilling a good work ethic for future employers. For this reason if a student must be absent for any reason he/she will be required to notify a welding instructor(s) as soon as practical for each absence and its reason. If a student is absent from class for four unexcused absences they will be placed on the "Attendance Probation List" for the Welding Program. After six unexcused absences the student will be administratively withdrawn from the entire welding program.

Cell Phones and Other Electronic Devices Procedure:

Cell phones and electronic devices in the classroom create a distraction for both students and faculty. Cell phones are also considered suspicious during test taking. Therefore, Frank Phillips College outlines the procedure for handling cell phone usage in a classroom as follows:

1. First Offense: the student will be warned verbally by the instructor to turn off the cell phone or electronic device or by appropriate administrative personnel at distance sites. The instructor will make a notation of the infraction.
2. Second Offense: the student will be asked to leave the class period for the day and will receive zeros for any work done in class on that day; a student receiving instruction through remote connection at an off-campus site will be required to attend the class face to face in Borger from this class date forward.
3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Academic Policies section of the Frank Phillips College Catalogue. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

Important Information

Frank Phillips College is a Microsoft Office Campus. You must submit your electronic assignments in Microsoft Office programs only. If you do not have Microsoft Office, you may use one of the computer lab sites on campus for your class work.

Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1204 — Fundamentals of Oxy-Fuel Welding & Cutting

Frank Phillips College

General Course Information

Credit Hours: 2

Prerequisite

None

Course Description

An introduction to oxy-fuel welding and cutting, including history and future in welding, safety, setup and maintenance of oxy-fuel welding, and cutting equipment and supplies.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Develop understanding of hazards associated with oxygen/acetylene equipment and demonstrate it setup and use.
2. Understand limitations of the oxygen/acetylene equipment/process and become familiar with suitable applications for its use.
3. Perform Oxy/Acet weld process.
4. Perform Oxy/Acet braze process.
5. Perform Oxy/Acet cutting process.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F
Attendance Percentage	Grade
90 – 100	100
80 – 90	90
70 – 80	80
60 – 70	70
0 – 60	50

Academic Honesty and Integrity

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- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension

Class Attendance*

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Welding Program Attendance Requirements*

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Cell Phones and Other Electronic Devices Procedure:

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Perryton: (806) 648-1450

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1206 — Fundamentals of Gas Tungsten Arc Welding (GTAW)

Frank Phillips College

General Course Information

Credit Hours: 2

Prerequisite

None

Course Description

An introduction to the principles of gas tungsten arc welding (GTAW), setup and use of GTAW equipment, and safe use of tools and equipment. Welding instruction in various positions on joint designs.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Breakdown and analyze the gas tungsten arc welding (GTAW) process:
2. Discuss equip parts, function and current selection.
3. Demonstrate setup of various types of GTAW equipment.
4. Perform welds on ferrous metals (various positions and joint designs).
5. Perform welds on non-ferrous metals (various positions and joint designs).

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
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Class Attendance*

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Welding Program Attendance Requirements*

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Allocates Material & Facility Resources

Interpersonal:

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Teaches Others
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Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

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Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1305 — Art Metals

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

None

Course Description

Fundamentals of conceptualizing and producing utilitarian items in ferrous and non-ferrous metals. Skill development through the techniques of sinking, raising, repousse, and piercing to create objects from sheet and stock materials. Includes welding, brazing, soldering, tinning, polishing, and tool making.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

- Utilize various welding processes to cut out art shapes and forms and join individual components to fabricate artistic objects.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
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Attendance Percentage	Grade
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Welding Program Attendance Requirements*

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Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1317 — Introduction to Layout Fabrication

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

None

Course Description

A fundamental course in layout fabrication related to the welding industry. Major emphasis is placed on structural shapes and their use in construction.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Examine basic designs, material shapes and joint configurations utilized by industry.
2. Layout & Fabrication.
3. Select and utilize resources and tools for Layout & Fabrication problems.
4. Identify and utilize common tools for various Layout & Fabrication situations.
5. Develop patterns for repetitive layout duties.
6. Demonstrate "Layout directly on material" method for fabrication.
7. Utilize shortcut methods to simplify Layout & Fabrication process.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1337 — Introduction to Metallurgy

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

None

Course Description

A study of ferrous and nonferrous metals from the ore to the finished product. Emphasis on metal alloys, heat treating, hard surfacing, welding techniques, forging, foundry processes and mechanical properties of metal including hardness, weldability, machinability, and ductility.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

Examine production techniques for ferrous and non-ferrous metals.

1. Identify mechanisms used to strengthen metals.
2. Analyze metal testing methods.
3. Breakdown metals into grain structure and crystal formation.
4. Understanding of metallurgical changes resulting from heating and cooling (work with phase change diagrams) during heat treatment.
5. Discuss metal coatings, claddings and case hardening.
6. Differentiate ferrous metals from non-ferrous metals.
7. Distinguish stainless steel from carbon steel.

Methods of Evaluation

Category	Percentage
Attendance	60%
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Total	100%
Grade Scale	Grade
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Knowing How to Learn
Reasoning

Systems:

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Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1391 — Special Topics in Welder/Welding Technologist

Frank Phillips College

General Course Information

Credit Hours: 3

Prerequisite

None

Course Description

The topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Develop skills to meet specific individual or industrial needs.
2. Upgrade training in areas not included in current curriculum.
3. Study special trades or experiment with special interest or techniques within the welding industry.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
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80 – 89	B
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Attendance Percentage	Grade
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0 – 60	50

Academic Honesty and Integrity

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- Academic suspension

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Welding Program Attendance Requirements*

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Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1428 — Introduction to Shielded Metal Arc Welding (SMAW)

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

None

Course Description

An introduction to shielded metal arc welding processes. Emphasis placed on power sources, electrode selection, oxy-fuel cutting, and various joint designs. Instruction provided in SMAW fillet welds in various positions.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Recognize electrical current types and their use relating to SMAW process.
2. Identify common SMAW electrodes and determine their most suitable application.
3. Illustrate AWS weld joint designs and preparation procedures.
4. Perform SMAW process utilizing most common rod in all positions.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F
Attendance Percentage	Grade
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Welding Program Attendance Requirements*

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Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1435 — Introduction to Pipe Welding

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

None

Course Description

An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on weld positions 1G and 2G using various electrodes.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Identify code requirements for pipe welding.
2. Differentiate setup procedures based on job parameters.
3. Perform 2G pipe weld with 6010 root-pass, 7018 filler and cap.
4. Perform 5G pipe weld with 6010 uphill root-pass, 7018 uphill filler and cap.
5. Perform 5G pipe weld with 6010 downhill root-pass, 7018 uphill filler and cap.
6. Bend Test welds for quality based on code criteria.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
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Systems:

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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 1457 — Intermediate Shielded Metal Arc Welding (SMAW)

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Completion of WLDG 1428 with a grade of C or better or Industry Equivalent Experience, see Instructor.

Course Description

A study of the production of various fillets and groove welds. Preparation of specimens for testing in all test positions.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Become familiar with AWS/ASME welding codes and testing procedures.
2. Recognize and demonstrate proper setup / prep procedure for Backup Strap and Open Root V plate welds.
3. Perform 3-position plate weld Test V-groove with Backup Strap.
4. Perform 3-position plate weld Test V-groove Open Root.

Methods of Evaluation

Evaluation, Testing, and Grade Distribution:

Exam 1 Codes & Qualification Standards	10 pts
Lab Exercise 1- Prep & Bevel	10 pts
Lab Exercise 2- 3 Position Backup Strap Test	30 pts
Lab Exercise 3- 3 Position Open Root Test	30 pts
Lab Exercise 4- Weld Evaluation	10 pts
Final Exam	10 pts

Total Points Possible 100

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Attendance	60%
Exams	40%
Total	100%
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Personal Qualities:

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Self-Esteem
Sociability
Self-Management
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WLDG 2439 — Advanced Oxy-Fuel Welding & Cutting

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Recommended Prerequisite: WLDG 1204 Fundamentals of Oxy-Fuel Welding with a grade of C or better.

Course Description

A study of all position welding on ferrous and nonferrous metals using oxy-fuel welding process, including welding and cutting, brazing, and soldering operations.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Demonstrate proper safe use of oxy-fuel welding and cutting equipment and procedures.
2. Demonstrate basic oxy-fuel welding and cutting operations.
3. Demonstrate advanced oxy-fuel cutting and welding operations.
4. Select appropriate tools, equipment, and materials.
5. Demonstrate proper techniques for silver brazing equipment.

Methods of Evaluation

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
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Knowing How to Learn
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Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 2443 — Advanced Shielded Metal Arc Welding (SMAW)

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Recommended Prerequisite: WLDG 1457 with a grade of C or better, Internship or Instructor Approval

Course Description

Advanced topics based on accepted welding codes. Training provided with various electrodes in shielded metal arc welding processes with open V-groove joints in all positions.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Examine welding criteria contained in commonly used welding codes.
2. Analyze welds to code standards.
3. Identify weld defects and develop weld repair procedures.
4. Perform welds with high chrome filler metals.
5. Perform welds with high nickel filler metals.
6. Perform welds with Stainless Steel filler metals.

Methods of Evaluation

Evaluation Testing and Grade Distribution:

Classroom Discussion	10 points
Visual Welding Exam	10 points
Lab Exercise Repairs	20 points
Lab Exercise Chrome Weld	20 points
Lab Exercise Nickle Weld	20 points
Lab Exercise Stainless Weld	20 points
Total Points Possible 100	

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- Academic suspension

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Welding Program Attendance Requirements*

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Perryton: (806) 648-1450

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 2447 — Advanced Gas Metal Arc Welding (GMAW)

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Recommended Prerequisite: WLDG 1202 Fundamentals of Gas Metal Arc Welding (GMAW) with a grade of C or better.

Course Description

Advanced topics in Gas Metal Arc Welding (GMAW). Includes welding in various positions and directions.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Perform proper safety inspections of equipment, accessories and surrounding areas.
2. Demonstrate proficiency in performing GMAW welds in various positions.
3. Weld various joint designs and diagnose welding problems and perform visual inspection.
4. Describe the effects of welding parameters in GMAW.

Methods of Evaluation

Evaluation Testing and Grade Distribution:

Lab 1	Equipment Setup	20 points
Lab 2	Weld Fillet weld	20 points
Lab 3	Weld V-groove weld	20 points
Lab 4	Perform proper maintenance of welder	20 points
Lab 5	Properly clean and secure work area	20 points

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F

Attendance Percentage	Grade
90 – 100	100
80 – 90	90
70 – 80	80
60 – 70	70
0 – 60	50

Academic Honesty and Integrity

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Welding Program Attendance Requirements*

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Arithmetic
Mathematics
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Information:

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Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 2451 — Advanced Gas Tungsten Arc Welding (GTAW)

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Recommended Prerequisite: WLDG 1206 with a grade of C or better.

Course Description

Advanced topics in GTAW welding, including welding in various positions and directions.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Analyze arc characteristics with emphasis on advancements resulting from technical advancements in modern GTAW equipment.
2. Demonstrate changes in techniques and equipment setup for GTAW of various alloys, joint designs and metal thickness.
3. Perform code quality GTAW pipe welds utilizing exotic alloy filler metals.
4. Recognize cost VS quality aspects of GTAW welding compared to other welding processes.

Methods of Evaluation

Evaluation Testing and Grade Distribution:

Participation in theory discussion	20 points
Equipment setup/utilization	20 points
Lab exercise: exotic metals	20 points
Lab exercise: weld quality	20 points
Lab exercise: cost evaluation	20 points

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F

Attendance Percentage	Grade
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Knowing How to Learn
Reasoning

Systems:

Understands Systems
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Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 2452 — Advanced Flux Core Arc Welding

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Completion of WLDG 1206 with a grade of C or better.

Course Description

Advanced concepts of flux cored arc welding of structural and fabricated steel products. Skill development in multi-pass fillet and v-groove welding.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Perform proper safety inspections of equipment, accessories and surrounding areas.
2. Perform multi-pass fillet and v-groove welds in various positions: 1G, 3G, & 5G.

Methods of Evaluation

Evaluation Testing and Grade Distribution:

Lab 1	Equipment Setup	20 points
Lab 2	Weld multi-pass Fillet weld	20 points
Lab 3	Weld multi-pass V-groove weld	20 points
Lab 4	Perform proper maintenance of welder	20 points
Lab 5	Properly clean and secure work area	20 points

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Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
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70 – 79	C
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Problem Solving
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Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 2453 — Advanced Pipe Welding

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Recommended Prerequisite: WLDG 1435 with a grade of C or better.

Course Description

Advanced topics involving welding of pipe using the shielded metal arc welding (SMAW) process. Topics include electrode selection, equipment setup, and safe shop practices. Emphasis on weld positions 5G and 6G using various electrodes.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Set up equipment and prepare pipe coupons for (SMAW) shielded metal arc welding in various positions.
2. Set up equipment and prepare pipe coupons for (GTAW) gas tungsten arc welding in various positions.
3. Utilize various filler metals including stainless steel to complete pipe welds with GTAW and SMAW process.
4. Demonstrate proper purging techniques on stainless steel pipe for gas tungsten arc welding (GTAW).

Methods of Evaluation

Evaluation Testing and Grade Distribution:

Lab 1	Equipment Setup	20 points
Lab 2	Weld pipe w/ carbon steel 6G SMAW	20 points
Lab 3	Weld pipe w/ stainless steel 6G SMAW	20 points
Lab 4	Weld pipe w/ carbon steel 6G GTAW	20 points
Lab 5	Weld pipe w. stainless steel 6G GTAW	20 points

Category	Percentage
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Problem Solving
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Systems:

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Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 2488 — Internship Welder/Welding Technologist

Frank Phillips College

General Course Information

Credit Hours: 4

Prerequisite

Recommended Prerequisite: Instructor's Approval

Course Description

A work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer.

(An experience external to the college for an advanced student in a specialized field involving a written agreement between the educational institution and a business or industry. Mentored and supervised by a workplace employee, the student achieves objectives that are developed and documented by the college and that are directly related to specific occupational outcomes. This may be a paid or unpaid experience. *Capstone course and requires the instructor's approval for enrollment.)

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Be provided the experience and on the job training through a cooperative agreement with a Welding, construction, or fabrication employer.
2. Develop skills and competencies necessary for employment in the work force.
3. Construct a resume.
4. Identify and exhibit safe working habits in the workplace.
5. Identify and exhibit skills and competencies necessary to succeed in the workplace.
6. Identify and exhibit personal financial skills necessary for the workplace.
7. Prepare for job interviews.
8. Use information and experience to solve problems in the workplace.

Methods of Evaluation

1. Timely and complete reports, research paper, and presentation as required by the college.--- 33%
2. College and employer's evaluation---34%
3. Summary report---33%

Attendance Percentage	Grade
86 – 100	40
72 – 85	30
65 – 71	20
51 – 64	10
0 – 50	0
Grade Scale	Grade
90 – 100	A
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Below 60	F

Academic Honesty and Integrity

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Class Attendance*

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Students who enroll in one or more college-preparatory course(s) because of TSI deficiency will be administratively withdrawn from all classes if the course in which they are excessively absent is their only preparatory course. For a student enrolled in more than one preparatory course, the student may be dropped from only the course affected by absences.

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Welding Program Attendance Requirements*

Attendance at all class sessions is expected of all students. This is a significant part of instilling a good work ethic for future employers. For this reason if a student must be absent for any reason he/she will be required to notify a welding instructor(s) as soon as practical for each absence and its reason. If a student is absent from class for four unexcused absences they will be placed on the "Attendance Probation List" for the Welding Program. After six unexcused absences the student will be administratively withdrawn from the entire welding program.

Cell Phones and Other Electronic Devices Procedure:

Cell phones and electronic devices in the classroom create a distraction for both students and faculty. Cell phones are also considered suspicious during test taking. Therefore, Frank Phillips College outlines the procedure for handling cell phone usage in a classroom as follows:

1. First Offense: the student will be warned verbally by the instructor to turn off the cell phone or electronic device or by appropriate administrative personnel at distance sites. The instructor will make a notation of the infraction.
2. Second Offense: the student will be asked to leave the class period for the day and will receive zeros for any work done in class on that day; a student receiving instruction through remote connection at an off-campus site will be required to attend the class face to face in Borger from this class date forward.
3. Third Offense: the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Perryton: (806) 648-1450

Grievance Policy

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Scans/Or Core Competencies That Will Be Addressed in the Class

Resources:

Allocates Time
Allocates Money
Allocates Material & Facility Resources

Interpersonal:

Participates as a Member of a Team
Teaches Others
Serves Clients/Customers
Exercises Leadership
Negotiates to Arrive at a Decision
Works with Cultural Diversity

Technology:

Selects Technology
Applies Technology
Maintains & Troubleshoots Technology

Basic Skills:

Reading
Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty

WLDG 2506 — Intermediate Pipe Welding

Frank Phillips College

General Course Information

Credit Hours: 5

Prerequisite

Recommended Prerequisite: WLDG 1435

Course Description

A comprehensive course on the welding of pipe using the shielded metal arc welding (SMAW) process. Position of welds will be 1G, 2G, 5G, and 6G using various electrodes. Topics covered include electrode selection, equipment setup, and safe shop practices.

THECB Approval Number48.0508.0000

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Set up equipment and prepare pipe coupons for (SMAW) shielded metal arc welding in various positions.
2. Set up, prepare and weld 6" or larger diameter pipe with a minimum schedule 80 thickness in 5G and 6G positions.
3. Set up, prepare, and weld 6" or larger diameter pipe with a maximum schedule 40 thickness in 5G and 6G positions.
4. Setup, prepare, and weld 2" diameter with schedule 160 or greater thickness.
5. Setup, prepare, and weld 2" diameter with schedule 40.

Methods of Evaluation

Evaluation Testing and Grade Distribution:

Lab 1	Prepare coupons for (SMAW) in various pos.	200 points
Lab 2	Weld 6" pipe w/min. sch. 80 in 5G & 6G	200 points
Lab 3	Weld 6" pipe w/max sch. 40 in 5G & 6G	200 points
Lab 4	Weld 2" pipe w/ schedule 160	200 points
Lab 5	Weld 2" pipe w/ schedule 40	200 points

Category	Percentage
Attendance	60%
Exams	40%
Total	100%
Grade Scale	Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F

Attendance Percentage	Grade
90 – 100	100
80 – 90	90
70 – 80	80
60 – 70	70
0 – 60	50

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Writing
Arithmetic
Mathematics
Listening & Speaking

Information:

Acquires & Evaluates Information
Organizes & Maintains Information
Uses Computers to Process Information

Thinking Skills:

Creative Thinking
Decision Making
Problem Solving
Seeing Things in the Mind's Eye
Knowing How to Learn
Reasoning

Systems:

Understands Systems
Monitors & Corrects Performance
Improves & Designs Systems

Personal Qualities:

Responsibility
Self-Esteem
Sociability
Self-Management
Integrity/Honesty