# CHEG 2003-Y03: Economic Analysis and Technical Applications  
Fall 2020 Syllabus

## Information Items

<table>
<thead>
<tr>
<th>Information Items</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructor:</td>
<td>Dr. Kazeem B. Olanrewaju</td>
</tr>
<tr>
<td>Section # and CRN:</td>
<td>Y03: 16922</td>
</tr>
<tr>
<td>Office Location:</td>
<td>C.L. Wilson Engineering Bldg, Rm 201C</td>
</tr>
<tr>
<td>Office Phone:</td>
<td>Tel: 936-261-9415; Cell phone: 319-594-1861; Fax: 936-261-9419</td>
</tr>
<tr>
<td>Email Address:</td>
<td><a href="mailto:kaolanrewaju@pvamu.edu">kaolanrewaju@pvamu.edu</a>, <a href="mailto:olakab@gmail.com">olakab@gmail.com</a></td>
</tr>
<tr>
<td>Office Hours:</td>
<td>MWF 3:00 PM - 4:00 PM or By Virtual</td>
</tr>
<tr>
<td>Mode of Instruction:</td>
<td>Hybrid</td>
</tr>
<tr>
<td>Course Location:</td>
<td>New Electrical Engr Bldg 117</td>
</tr>
<tr>
<td>Class Days &amp; Times:</td>
<td>MWF 4:15 P.M - 5:05 P.M</td>
</tr>
<tr>
<td>Catalog Description:</td>
<td><strong>CHEG 2003. Economic Analysis and Technical Applications.</strong> (3-0) Credit 3 semester hours. Fundamental concepts of economic principles. Evaluation of technical alternatives, economic significance of technical proposals; interest, description, analysis, and forecasting</td>
</tr>
</tbody>
</table>

## Prerequisites:

- MATH 1124

## Co-requisites:

- MATH 1124

## Required Texts:


## Recommended Texts:


## Access to Learning Resources:


## Student Learning Outcomes:

<table>
<thead>
<tr>
<th>Program Learning Outcome #</th>
<th>Core Curriculum Outcome Alignment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>D1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Upon successful completion of this course, students will be able to:</th>
<th>Program Learning Outcome # Alignment</th>
<th>Core Curriculum Outcome Alignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distinguish between simple &amp; complex problems. Understand the role &amp; purpose of engineering economic analysis and apply the economic decision making process. Understand cost, benefit concepts and cost estimation</td>
<td>D1</td>
<td>3 &amp; 4</td>
</tr>
</tbody>
</table>

2. Understand time value of money and also distinguish between simple & compound interest. Understand cash flow equivalence while same concept to solve single payment compound interest formulas problems. Solve problems using spreadsheet factors and uniform series compound interest formulas. Use arithmetic & geometric gradients in modeling economic analysis. Understand why cash flows assume uniformity. Use spreadsheet to model & solve economic analysis problems.

3. Apply the present worth criteria to compare and select best alternatives (viable projects). Apply PW in cases with equal, unequal, & infinite project lives. Use spreadsheets as tool for present worth calculations. Define equivalent uniform annual cost and benefit. Express problem as annual cash flow equivalent and conduct equivalent uniform annual worth analysis. Compare alternatives using equivalent uniform worth for project with equal, a common multiple, or infinite lives. Develop & use spreadsheets to analyze loans. Use annuity due for beginning of period cash flows.

4. Evaluate cash flows with internal rate of return and plot PW vs. interest rate to find IRR. Use incremental rate of return to evaluate alternatives and also develop and use spreadsheet in solving rate of returns. Use graphical technique to choose between mutually exclusive alternatives. Define incremental analysis and use spreadsheets to solve incremental analysis problem.


SACSCOC/ABET : Outcome 8
An ability to identify, formulate, and solve fundamental engineering problems by applying principles of engineering, science, and mathematics.”

1. Identify and Formulate engineering/technical/computing problems using principles of engineering/mathematics/science
Given a complex engineering problem, the students are able to:
   i. Understand the given problem and identify the subject area and concepts involved.
   ii. Convert the problem into a well labeled sketch (such as free body diagram, flow chart, functional block diagram, schematic diagram).
      a. Formulate the FEP into a mathematical model [using basic, intermediate and advanced mathematics ranging from algebra & trigonometry, calculus, probability & statics, complex analysis to Fourier transform & LaPlace transforms] or experimental framework stating all relevant assumptions.
   iii. Formulate the FEP into an engineering model [using relevant laws and equations from engineering and science areas] stating all relevant assumptions.

2. Solve FEP/computing problems
Given a FEP that has been formulated, students are able to:
i. Solve the resulting engineering/mathematical/science formulations analytically, numerically, experimentally or through the use of appropriate software or computer program.

ii. Evaluate and interpret the result.

**SACSCOC/ABET : Outcome 3**

An ability to communicate effectively with a range of audiences (Oral Communication)

1. **Ability to Organize, Plan, Design/Prepare and Use Appropriate Visual Aids for communication/Presentation to a range of audiences (executives, technical and non-technical).**
   (i) Students are able to organize presentation in well-structured logical sequence making it easy for technical or non-technical or the appropriate audience to follow the content with clear understanding.
   (ii) Students are able to prepare effective slides (*adequate and relevant technical content and viewgraphs that are legible, completely labeled/annotated/dimensioned to illustrate important features of the work being presented*)
   (iii) Students are able to use modern presentation techniques (*may include visually enhanced transitions, animations, video, and sound clips*).
   (iv) Students are able to stay within time limits

2. **Ability to Articulate Subject Knowledge (Technical Content)**
   Students are able to:
   (i) demonstrate technical knowledge and understanding of the subject (*this may be demonstrated by presenting literature review, originality, creativity, required standards, constraints, and other appropriate considerations such as public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors and impacts*),
   (ii) prepare and display prototypes or models when they are necessary to support the presentation, and
   (iii) respond clearly to questions in a professional manner (after restating questions to audience if necessary).

3. **Appearance and Ability to Provide Good Oral Delivery to a range of audiences**
   Students are able to:
   (i) use correct grammatical English and technical terms appropriate to technical area and audience type; speak with clarity and confidence;
   (ii) maintain good posture and eye contact with the audience (should not read from prepared notes) and elicit the attention of the audience and
   (iii) dress appropriately for the occasion.

_Instructor may record the presentation for assessment display purpose and must ensure to get consent for witness protection from the students_

An ability to communicate effectively with a range of audiences (Written)

1. **Ability to prepare an executive summary for the report**
   Students are able to prepare an executive summary of 5 to 8 pages

2. **Ability to organize, plan and properly format a written technical report**
   (i) Students are able to organize report by categorizing ideas for the report into well and logically organized chapters, major sections, subsections and paragraphs blended within the larger units.
   (ii) Students provide Title Page, and Table of Contents, list of Figures, and List of Tables properly formatted.
   (iii) Students provide figure number and title for each figure in the report, reference each figure, and completely discuss each figure in the report in accord with standards in the project manual.
   (iv) Students provide table number and title for each table in the report in accord with standards in the project manual, reference each table, and completely discuss each table in the report.
   (v) Students properly cite references in the report and provide well formatted reference list at the end.
   (vi) Students prepare the written report in accord with standard report formatting provided in the Senior Projects Report Manual.

3. **Ability to compose original texts and properly apply the conventions of written language.**

   Students are able to:
(i) properly apply capitalization, punctuation, and penmanship, to communicate clearly,
(ii) spell proficiently,
(iii) apply standard grammar and usage to communicate clearly and effectively in writing including
   • using complete sentences, varying the types such as compound and complex to match meanings and purposes
   • properly employing standard English usage in writing for audiences, including subject-verb agreement, pronoun referents, and parts of speech
   • properly using adjectives (comparative and superlative forms) and adverbs appropriately to make writing vivid or precise
   • properly using prepositional phrases to elaborate written ideas
   • properly using conjunctions to connect ideas meaningfully
(iv) use available technology to support aspects of creating, revising, editing, spell checking, and publishing the report.

4. Ability to provide appropriate discussion, conclusions and recommendations

Students are able to clearly
(i) Summarize the goals, objectives, and indicate whether they were met.
(ii) Summarize the project design chapter by chapter
(iii) Summarize constraints and codes and indicate whether they were met.
(i) Summarizes how issues relating to public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors were considered/addressed in the design.
(iv) Provide logical conclusions and recommendations (including strengths and weaknesses).

SACSCOC/ABET : Outcome 4
An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts

Students will have the ability to:
1. recognize ethical and professional responsibilities in engineering situations involving global, and societal contexts
   Students are able to demonstrate the knowledge of professional code of ethics (Review code of ethics from your specific professional society and from your State board of professional Engineers. Students may be tested on these).

2. make informed judgements on ethical and professional responsibilities in engineering while considering the impact of engineering solutions in global, economic, environmental, and societal contexts.
   Students will study several ethics case studies and make informed judgements on them with regard to the impact of engineering solutions on (a) global, (b) economic, (c) environmental, and (d) societal contexts. (There should be enough case studies that cover all the four areas of global, economic, environmental and societal context)

Major Course Requirements

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

Exams, Tests or Quizzes – written tests designed to measure knowledge of presented course material Exercises or Homework – written assignments designed to supplement and reinforce course material Projects or Assignments – designed to measure ability to apply presented course material
Class Participation – daily attendance and participation in class discussions
Method of Determining Final Course Grade

<table>
<thead>
<tr>
<th>Course Grade Requirement</th>
<th>Value (points or percentages)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test or popup questions &amp; Quizzes</td>
<td>2-4 Tests and popup quiz</td>
<td>10-15%</td>
</tr>
<tr>
<td>Mid Term Exam</td>
<td>Mandatory</td>
<td>15%</td>
</tr>
<tr>
<td>Homework or projects*</td>
<td>Between 5 to 6 homework</td>
<td>30-35%</td>
</tr>
<tr>
<td>Attendance, participation and presentation and solving problems in groups in the lab is Mandatory from 5:20-6:30 PM</td>
<td>Very important</td>
<td>15%</td>
</tr>
<tr>
<td>Final Exam</td>
<td></td>
<td>25%</td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Discount for lack of participation</td>
<td></td>
<td>-10%</td>
</tr>
</tbody>
</table>

Grading Criteria and Conversion:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Meaning</th>
<th>Score Range</th>
<th>Grade Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>90 – 100</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>80 – 89</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Satisfactory</td>
<td>70 – 79</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Passing</td>
<td>60 – 69</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0 – 59</td>
<td>0</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
<td>70 – 100</td>
<td>0</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
<td>0 – 69</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal from a course</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>WV</td>
<td>Withdrawal from the University Voluntarily</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>MW</td>
<td>Military Withdrawal</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

Course Procedures or Additional Instructor Policies

Taskstream

Taskstream is a tool that Prairie View A&M University uses for assessment purposes. At least one of your assignments is REQUIRED to be submitted as an “artifact,” an item of coursework that serves as evidence that course objectives are met. More information will be provided during the semester, but for general information, you can visit Taskstream via the link in eCourses.

Course Regulations in Addition to University Rules and Procedures

- NO make-up exams unless there is an appropriate written excuse
- Failing to attend Mid-term and Final Exams will result in "F" grade in the final course grade.
- Review Session will be in the last day of class and the Final Exam time will be on review session class. This is due to my travel overseas for a meeting or a conference. However, if I am not traveling the exam will be as scheduled by the university.

Special attention must be taken in case of unexpected circumstances in case of not attending the Mid-term or final exam. You need to get the appropriate approval, signature and documentation from the university. Otherwise the final grade will result in "F" Grade. With appropriate documentation and you have attended the class during semester in all class time and you have taken all previous exams and submitted the popup quizzes ...etc. you will be assigned a "grade I" with appropriate approval from Head of the Department, Dean of the College, and the University Academic Affairs.
<table>
<thead>
<tr>
<th>Modules</th>
<th>Topic</th>
<th>Assignment/Activity (Online)</th>
<th>Assignment/Activity (Face-to-Face[F2F])/ Online</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Start Here/ Course Introduction Module:</strong> [Aug 24-Sep 6]</td>
<td>Course Introduction</td>
<td>• Review Syllabus&lt;br&gt;• Review Course policy with the students&lt;br&gt;• Update with student with Rubric for the class&lt;br&gt;• Present a general overview of the course&lt;br&gt;• Inform student of the new course management system (Canvass)</td>
<td></td>
<td>[No Due Date]</td>
</tr>
<tr>
<td><strong>Module 1:</strong> [Aug 24-Sep 6]</td>
<td>Making Economic Decisions</td>
<td>• Recitation problem solving session&lt;br&gt;• In-class problem solving session</td>
<td></td>
<td>[No Due Date]</td>
</tr>
<tr>
<td><strong>Module 2:</strong> [Aug 31-Sep 6]</td>
<td>Estimating Engineering Costs and Benefit Interest and Equivalence</td>
<td>• Recitation problem solving session&lt;br&gt;• Homework 1 review session&lt;br&gt;• Homework assignment review session&lt;br&gt;• In-class activities session&lt;br&gt;• Test 1 review session Week</td>
<td></td>
<td>[Sep 4, 2020]</td>
</tr>
<tr>
<td><strong>Module 3:</strong> [Sep 7 – Sep 13]</td>
<td>Equivalence for Repeated Cash Flows</td>
<td>• Online Recitation problem solving session&lt;br&gt;• Online-class activities session</td>
<td></td>
<td>[Sep 7, 2020]</td>
</tr>
<tr>
<td><strong>Module 4:</strong> [Sep 14 – Sep 20]</td>
<td>Present Worth Analysis</td>
<td>• Recitation problem solving session&lt;br&gt;• Homework 1 review session&lt;br&gt;• In-class activities session</td>
<td></td>
<td>[N/A]</td>
</tr>
<tr>
<td><strong>Module 5:</strong> [Sep 28 – Oct 4]</td>
<td>Annual Cash Flow Analysis</td>
<td>• Recitation problem solving session</td>
<td></td>
<td>[Sep 28, 2020]</td>
</tr>
<tr>
<td>Modules</td>
<td>Topic</td>
<td>Assignment/Activity (Online)</td>
<td>Assignment/Activity (Face-to-Face[F2F])/Online</td>
<td>Due Date</td>
</tr>
<tr>
<td>---------</td>
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</tr>
</tbody>
</table>
| Module 6: [Oct 5 – Oct 18] | Rate of Return Analysis | • Online-class activities session  
Online Quiz 1 | • Recitation problem solving session  
• In-class activities session  
• Project Review session  
• Midterm Exam review session | [Oct 14, 2020] |
| Module 7: [Oct 19 – Oct 25] | Choosing the Best Alternative | • Recitation problem solving session  
• In-class activities session  
• Midterm Exam  
• In-class problem solving session | [Oct 23 2020] |
| Module 8: [Oct 26 – Nov 1] | Other Analysis Techniques | • Online Recitation problem solving session  
• Online assignment review session  
• Online class problem solving session | [N/A] |
| Module 9: [Nov 2 – Nov 8] | Uncertainty in Future Events | • Recitation problem solving session  
• In-class problem solving session  
• Test 2 review session  
• Homework 2 out-of-class activities | [Nov 4, 2020] |
| Module 10: [Nov 9 - Nov 15] | Depreciation | • Recitation problem solving session  
• In-class problem solving session  
• Test 2 activities | [Nov 9, 2020] |
| Module 11: [Nov 16 - Nov 22] | Income Taxes for Corporations | • Recitation problem solving session  
• Homework assignment review session  
• In-class activities session | [Nov 18, 2020] |
### Student Support and Success

#### John B. Coleman Library
The library and its partners have as their mission to provide resources and instructional material in support of the evolving curriculum, as a partner in Prairie View A&M University's mission of teaching, research, and service and to support the University's core values of access and quality, diversity, leadership, relevance, and social responsibility through emphasis on ten key areas of service. It maintains library collections and access both on campus, online, and through local agreements to further the educational goals of students and faculty. Phone: 936-261-1500; Website: [J. B. Coleman Library](#).

#### Academic Advising Services
Academic Advising Services offers students a variety of services that contributes to student success and leads towards graduation. We assist students with understanding university policies and procedures that affect academic progress. We support the early alert program to help students get connected to success early in the semester. We help refer students to the appropriate academic support services when the student is unsure of the best resource for their needs. Some students are supported by faculty advisors in their respective colleges. Your faculty advisor can be identified in Panther Tracks. Advisors with Academic Advising Services are available to all students. We are located across campus. You can find your advisor’s location by academic major at the [Academic Advising Website](#), Phone: 936261-5911.

#### The University Tutoring Center
The University Tutoring Center (UTC) offers free tutoring and academic support to all registered PVAMU students. The mission of the UTC is to help provide a solid academic foundation that enables students to become confident, capable, independent learners. Competent and caring staff and peer tutors guide students in identifying, acquiring, and enhancing the knowledge, skills, and attitudes needed to reach their desired goals. Tutoring and academic support is offered face-to-face in the UTC, in virtual face-to-face sessions, and through online sessions at PVPlace. Other support services available for students include Supplemental Instruction, Study Break, Academic Success.
The Writing Center
The Writing Center provides well-trained peer tutors that assist students with writing assignments at any stage of the writing process. Tutors help students with various writing tasks from understanding assignments, brainstorming, drafting, revising, editing, researching, and integrating sources. Students have free access to Grammarly online writing assistance. Grammarly is an automated proofreading and plagiarism detection tool. Students must register for Grammarly by using their student email address. In addition, students have access to face-to-face as well as virtual tutoring services either asynchronously via email or synchronously via Zoom. Location: J. B. Coleman Library, Rm. 209; Phone: 936-261-3724; Website: The Writing Center; Grammarly Registration.

Academic Early Alert
Academic Early Alert is a proactive system of communication and collaboration between faculty, academic advisors, and PVAMU students that is designed to support student success by promptly identifying issues and allowing for intervention. Academic Early Alert helps students by providing a central location to schedule advising appointments, view advisor contact information, and request assistance. Students who recognize that they have a problem that is negatively affecting their academic performance or ability to continue school may self-refer an Academic Early Alert. To do so, students will log in to PVPlace and click on Academic Early Alert on the left sidebar. Phone: 936-261-5902; Website: Academic Early Alert.

Student Counseling Services
The Student Counseling Services unit offers a range of services and programs to assist students in maximizing their potential for success: short-term individual, couples, and group counseling, as well as crisis intervention, outreach, consultation, and referral services. The staff is licensed by the State of Texas and provides assistance to students who are dealing with academic skills concerns, situational crises, adjustment problems, and emotional difficulties. Information shared with the staff is treated confidentially and in accordance with Texas State Law. Location: Hobart Taylor, 2nd floor; Phone: 936-261-3564; Website: Student Counseling Services.

Office of Testing Services
Testing Services serves to create opportunities by offering a suite of exams that aid in the students’ academic and professional success. Currently we administer entrance (HESI A2), college readiness (TSI assessment), Prior Learning (CLEP, DSST), and proctored exams. Location: Wilhelmina Delco, 3rd Floor, Rm. 305; Phone: 936-261-3627; Email: aetesting@pvamu.edu; Website: Testing Services.

Office of Diagnostic Testing and Disability Services
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, contact the Office of Disability Services. As a federally-mandated educational support unit, the Office of Disability Services serves as the repository for confidential disability files for faculty, staff, and students. For persons with a disability, the Office develops individualized ADA letters of request for accommodations. Other services include: learning style inventories, awareness workshops, accessibility pathways, webinars, computer laboratory with adapted hardware and software, adapted furniture, proctoring of non-standardized test administrations, ASL interpreters, ALDs, digital recorders, livescribe, and a comprehensive referral network across campus and the broader community. Location: Hobart Taylor, Rm. 1D128; Phone: 936-261-3583; Website: Disability Services.

Center for Instructional Innovation and Technology Services (CIITS)
Distance Learning, also referred to as Distance Education, is the employment of alternative instructional delivery methods to extend programs and services to persons unable to attend college in the traditional manner. The Center for Instructional Innovation and Technology Services (CIITS) supports student learning through online, hybrid, webassisted and 2-way video course delivery. For more details and contact information, visit: CIITS Student Webpage; Phone: 936-261-3283.
Veteran Affairs
Veteran Services works with student veterans, current military and military dependents to support their transition to the college environment and continued persistence to graduation. The Office coordinates and certifies benefits for both the G.I. Bill and the Texas Hazlewood Act. Location: Evans Hall, Rm. 102; Phone: 936-261-3563; Website: Veteran Affairs.

Office for Student Engagement
The Office for Student Engagement delivers comprehensive programs and services designed to meet the co-curricular needs of students. The Office implements inclusive and accessible programs and services that enhance student development through exposure to and participation in diverse and relevant social, cultural, intellectual, recreational, community service, leadership development and campus governance. Location: Memorial Student Center, Rm. 221; Phone: 936-261-1340; Website: Office for Student Engagement.

Career Services
Career Services supports students through professional development, career readiness, and placement and employment assistance. The Office provides one-on-one career coaching, interview preparation, resume and letter writing, and career exploration workshops and seminars. Services are provided for students at the Northwest Houston Center and College of Nursing in the Medical Center twice a month or on a requested basis. Distance Learning students are encouraged to visit the Career Services website for information regarding services provided. Location: Anderson Hall, 2nd floor; Phone: 936-261-3570; Website: Career Services.

University Rules and Procedures

Academic Misconduct (See Student Planner)
You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with your Student Planner, especially the section on academic misconduct (see University Administrative Guidelines on Academic Integrity). Students who engage in academic misconduct are subject to university disciplinary procedures. As listed in the PVAMU Undergraduate Catalog, Graduate Catalog, and the Student Planner, the following are examples of prohibited conduct. This list is not designed to be all-inclusive or exhaustive. In addition to academic sanctions, any student found to have committed or to have attempted to commit the following academic misconduct may also be subject to disciplinary review and action as outlined in the PVAMU Student Planner.

Forms of Academic Dishonesty:

1. **Cheating**: Deception in which a student misrepresents that he/she has mastered information on an academic exercise that he/she has not learned, giving, or receiving aid unauthorized by the instructor on assignments or examinations. Examples: unauthorized use of notes for a test; using a “cheat sheet” on a quiz or exam; any alteration made on a graded test or exam which is then resubmitted to the teacher. Submission of work done by another person. Receiving assistance from an individual or use of unauthorized device or materials while logged in for online assignments are all considered “cheating” by the instructor of record assigned to this course. Having other individuals in the room/location during an online quiz/exam proceeding except with permission of instructor is also considered under this category.

2. **Plagiarism**: Careless or deliberate use of the work or the ideas of another; representation of another’s work, words, ideas, or data as your own without permission or appropriate acknowledgment. Examples: copying another’s paper or answers, failure to identify information or essays from the Internet and submitting or representing it as your own; submitting an assignment which has been partially or wholly done by another and claiming it as yours; not properly acknowledging a source which has been summarized or paraphrased in your work; failure to acknowledge the use of another’s words with quotation marks.

3. **Multiple Submission**: Submission of work from one course to satisfy a requirement in another course without explicit permission. Example: using a paper prepared and graded for credit in one course to fulfill a requirement and receive credit in a different course.
4. **Conspiracy**: Agreeing with one or more persons to commit an act of academic/scholastic dishonesty.

5. **Fabrication of Information/Forgery**: Use or submission of contrived, invented, forged, or altered information in any assignment, laboratory exercise, or test; tampering with or production of a counterfeit document, particularly documents which make up the student's academic record. Examples: making up a source or citing nonexistent publication or article; representing made up data as real for an experiment in a science laboratory class; forging a change of grade or student withdrawal record; falsifying any document related to a student academic exercise.

**Nonacademic Misconduct (See Student Planner)**

The University respects the rights of instructors to teach and students to learn. Maintenance of these rights requires campus conditions that do not impede their exercise. Campus behavior that interferes with either (1) the instructor's ability to conduct the class, or (2) the ability of students to benefit from the instructional program, or (3) the rights of others will not be tolerated. An individual engaging in such disruptive behavior may be subject to disciplinary action. Such incidents will be adjudicated by the Office for Student Conduct under nonacademic procedures.

**Sexual Misconduct**

Sexual harassment of students and employees at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating the university’s sexual harassment policy will be subject to disciplinary action. In accordance with the Texas A&M University System guidelines, your instructor is obligated to report to the Office of Title IX Compliance (titleixteam@pvamu.edu) any instance of sexual misconduct involving a student, which includes sexual assault, stalking, dating violence, domestic violence, and sexual harassment, about which the instructor becomes aware during this course through writing, discussion, or personal disclosure. The faculty and staff of PVAMU actively strive to provide a learning, working, and living environment that promotes respect that is free from sexual misconduct, discrimination, and all forms of violence. If students, faculty, or staff would like assistance, or have questions, they may contact the Title IX Coordinator at 936-261-2144 or titleixteam@pvamu.edu. More information can be found at the Title IX Webpage including confidential resources available on campus.

**Pregnancy, Pregnancy-related, and Parenting Accommodations**

Title IX of the Education Amendments of 1972 prohibits sex discrimination, which includes discrimination based on pregnancy, marital status, or parental status. Students seeking accommodations related to pregnancy, pregnancy-related condition, or parenting (reasonably immediate postpartum period) are encouraged to contact Student Disability Services or the Dean of Students’ Office for additional information and to request accommodations. More information can be found at this webpage.

**Non-Discrimination Statement**

Prairie View A&M University does not discriminate on the basis of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation or gender identity in its programs and activities. The University is committed to supporting students and complying with the Texas A&M University System nondiscrimination policy. It seeks to establish an environment that is free of bias, discrimination, and harassment. If you experience an incident of discrimination or harassment, we encourage you to report it. If you would like to speak with someone who may be able to afford you privacy or confidentiality, there are individuals who can meet with you. The Director of Equal Opportunity & Diversity has been designated to handle inquiries regarding the nondiscrimination policies, and can be reached at Harrington Science Building, Suite 109 or by phone 936-261-1744 or 1792.

**Class Attendance Policy (See Catalog for Full Attendance Policy)**

Prairie View A&M University requires regular class attendance. Attending all classes supports full academic development of each learner whether classes are taught with the instructor physically present or via distance learning technologies such as interactive video and/or internet. Excessive absenteeism, whether excused or unexcused, may result in a student’s course grade being reduced or in assignment of a grade of “F”. Absences are accumulated beginning with the first day of class during regular semesters and summer terms. Each faculty member will include the University’s attendance policy in each course syllabus.
Student Academic Appeals Process
Authority and responsibility for assigning grades to students’ rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the University Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint. Students can file Academic Complaints and/or Grade Appeals at this [webpage](#).

Technical Considerations

**Minimum Recommended Hardware and Software:**
- Intel PC or Laptop with Windows 10 or later version; Mac with OS High Sierra*
- Smartphone or iPad/Tablet with Wi-Fi*
- High speed Internet access
- 8 GB Memory
- Hard drive with 320 GB storage space
- 15” monitor, 800x600, color or 16 bit
- Sound card w/speakers
- Microphone and recording software
- Keyboard & mouse
- Most current version of Google Chrome, Safari or Firefox

*Smartphone, Google Chrome books and Android tablets may not be supported. iPads are the only tablets supported.

**Note:** Be sure to enable Java & pop-ups in the Web browser preferences

**Participants should have a basic proficiency of the following computer skills:**
- Sending and receiving emails
- A working knowledge of the Internet
- Microsoft Word (or a program convertible to Word)
- Acrobat PDF Reader
- Windows or Mac OS
- Video conferencing software

**Netiquette (online etiquette)**
Students are expected to participate in all discussions and virtual classroom chats as directed. Students are to be respectful and courteous to others on discussions boards. Foul or abusive language will not be tolerated. Do not use ALL CAPS for communicating to others AS IT CAN BE INTERPRETED AS YELLING. Avoid slang terms such as “wassup?” and texting abbreviations such as “u” instead of “you.” Limit and possibly avoid the use of emoticons. Be cautious when using humor or sarcasm as tone is sometimes lost in an email or discussion post and the message might be taken seriously or sound offensive. Students are also advised to be mindful of the tone of the electronic messages sent to the instructor. Addressing instructor with “hey” is also not acceptable under any circumstance. Emails formatted in this fashion will be returned for correction. In all matters and in cases of an emergency assistance will always be rendered in a timely fashion however this obvious error in judgment will not be overlooked.

**Video Conferencing Etiquette**
When using Zoom, WebEx or other video conferencing tools, confirm the visible area is tidy, clear of background clutter, inappropriate or offensive posters, and other distractions. Ensure you dress appropriately and avoid using high traffic or noisy areas. Stay muted when you are not speaking and avoid eating/drinking during session. Before class session begins, test audio, video and lighting to alleviate technology issues.
Technical Support
Students should go to the Password Reset Tool if they have password issues. The page will provide instructions for resetting passwords and contact information if login issues persist. For other technical questions regarding eCourses, call the Center for Instructional Innovation and Technology Services (CIITS) at 936-261-3283 or email ciits@pvamu.edu.

Students can click the Resources button in the Canvas Navigator to see a list of support resources. This tab also contains a link to several training and tutorial videos and a FAQ page to help you navigate and troubleshoot issues in Canvas. The Support Hotline and Chat will connect you to real-time Canvas support from Instructure (24/7). To get assistance, you can

- call (936) 261-3283
- Email ciits@pvamu.edu

For text or course material support you access the Library, Bookstore, or the publisher website. For assistance with third-party applications, please refer to their individual technical support resources. Some useful sites for applications such as Zoom and Respondus are listed below:

- Zoom - https://support.zoom.us/hc/en-us

Communication Expectations and Standards
Emails or discussion postings will receive a response from the instructor, usually in less than 48 hours. Urgent emails should be marked as such. Instructor feedback on assignments will usually be available within 3 days from the close date of the assignment. When contacting your instructor, please follow professional communication guidelines. Please include your name and your course name and section in email communications. Email communications must be held at reasonable, respectable hours (BEFORE 8pm). Check regularly for responses.

Discussion Requirement
Online courses often require minimal to no face-to-face meetings. However, conversations about the readings, lectures, materials, and other aspects of the course can take place in a seminar fashion. This will be accomplished by the use of the discussion board. The exact use of discussion will be determined by the instructor.

It is strongly suggested that students type their discussion postings in a word processing application such as Word and save it to their PC or a removable drive before posting to the discussion board. This is important for two reasons: 1) If for some reason your discussion responses are lost in your online course, you will have another copy; 2) Grammatical errors can be greatly minimized by the use of the spell-and-grammar check functions in word processing applications. Once the post(s) have been typed and corrected in the word processing application, copy and paste to the discussion board.

COVID-19 Campus Safety Measures
To promote public safety and protect students, faculty, and staff during the COVID-19 pandemic, Prairie View A&M University has adopted policies and practices for the Fall 2020 academic term to limit virus transmission. Students must observe the following practices while participating in face-to-face courses and course-related activities (office hours, help sessions, transitioning to and between classes, study spaces, academic services, etc.):

- **Self-monitoring** - Students should follow CDC recommendations for self-monitoring. Students who have a fever or exhibit symptoms of COVID-19 should participate in class remotely and should not participate in face-to-face instruction.

- **Face Coverings** - Face coverings (cloth face covering, surgical mask, etc.) must be properly worn in all nonprivate spaces including classrooms, teaching laboratories, common spaces such as lobbies and hallways, public study spaces, libraries, academic resource and support offices, and outdoor spaces where 6 feet of physical distancing is difficult to reliably maintain.
• **Physical Distancing** - Physical distancing must be maintained between students, instructors, and others in course and course-related activities.

• **Classroom Ingress/Egress** - Students must follow marked pathways for entering and exiting classrooms and other teaching spaces. Students should leave classrooms promptly after course activities have concluded, should not congregate in hallways and should maintain 6-foot physical distancing when waiting to enter classrooms and other instructional spaces.

• **Face-to-face Class** - To attend a face-to-face class, students must wear a face covering (or a face shield if they have an exemption letter). If a student refuses to wear a face covering, the instructor should ask the student to leave and join the class remotely. If the student does not leave the class, the faculty member should report that student to the Office for Student Conduct for adjudication. Additionally, the faculty member may choose to teach that day's class remotely for all students.

• **COVID-19 Guidelines for Student Conduct Adjudication** - The mandatory COVID-19 Training/Certification taken by all students serves as the 1st Warning for violation of COVID-19 Guidelines.
  
  o 1st incident: upon review of Incident Report and finding of responsibility — Conduct Probation
  
  o 2nd incident: upon review of Incident Report and finding of responsibility — Suspension
  
  o Consult the Code of Student Conduct in the Student Planner or [Student Conduct website](#) for additional information on Conduct Probation and Suspension.

• **Personal Illness and Quarantine** - Students required to quarantine must participate in courses and course-related activities remotely and must not attend face-to-face course activities. Students should notify their instructors of the quarantine requirement. Students under quarantine are expected to participate in courses and complete graded work unless they have symptoms that are too severe to participate in course activities. Students experiencing personal injury or illness that is too severe for the student to attend class qualify for an excused absence. To receive an excused absence, students must provide appropriate documentation to the Office for Student C