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# **COURSE TMGT 455 01W (80821)**

# **Project Planning and Scheduling**

Three (3) semester credit hours

COURSE SYLLABUS: FALL 2023 Rev NC

#### INSTRUCTOR INFORMATION

Instructor: Patrick Carter, Distinguished Lecturer

Office Location: Charles J. Austin Engineering & Technology Building, 216

**Virtual Office Hours:** Tuesday 9:30am – 11:30am

Thursday 9:30am - 11:30am

Or by appointment

### On-campus office visits are available by appointment only.

Send email or call Ms. Brittani Fasci (E&T Administrative Assistant) at 903-886-5474 to schedule an on-campus appointment.

You will be required to present a valid and current TAMUC student ID at the time of your scheduled on-campus appointment.

Office Phone: 903-886-5706 Office Fax: 903-886-5960

University E-mail Address: Patrick.Carter@tamuc.edu

Preferred Form of Communication: E-mail

Communication Response Time: 24-48 hours typically

### **COURSE INFORMATION**

Materials – Textbooks, Readings, Supplementary Readings Textbook(s) Required:

Construction Project Scheduling and Control, 3rd Edition, Saleh Mubarek.
John Wiley & Sons, Inc. ISBN 13: 978-1-118-84600-1
2010

**Optional Texts and/or Materials** 

### Suggested Readings

The course textbook has a list of "Further Reading" at the end of each chapter. These readings have application to the content of the course.

#### Reference Sources

- www.atmae.org
- www.plagiarism.org
- www.tamu-commerce.edu/studentlife/guidebook.pdf
- Publication Manual of the American Psychological Association (APA)

7th Edition

ISBN: 10:1-4338-0561-8

2022

### **Course Description**

Study of the concepts used in planning and scheduling of projects in both industrial and construction applications.

Prerequisites: TMGT 352

(Note: This course is 100 % on-line)

### **Student Learning Outcomes**

Student Learning Outcomes define what you should know and be able to do as a result of your participation in this course of study. All of the activities that constitute this course are designed toward the accomplishment of that goal.

**Student Learning Outcome #1:** The learner will demonstrate competency in the development of a construction schedule through class assignments and examinations.

**Student Learning Outcome #2:** The learner will demonstrate the ability to allocate and level resources efficiently through class assignments and examinations.

**Student Learning Outcome #3:** The learner will demonstrate the ability to update a schedule to control the progress of a project effectively through class assignments and examinations.

**Student Learning Outcome #4:** The learner will demonstrate the ability to solve complicated precedence networks calculations through class assignments and examinations.

**Student Learning Outcome #5:** The learner will demonstrate the ability to develop clear and accurate project reports through class assignments and examinations.

**Student Learning Outcome #6:** The learner will demonstrate the ability to manage construction schedule risks through class assignments and examinations.

#### **COURSE REQUIREMENTS**

#### Minimal Technical Skills Needed

The student is required to have a basic knowledge of and operational proficiency with the MyLeo Online (referred to elsewhere as D2L Brightspace) learning management system as well as the software required for this course (see "Technology Requirements").

### **General Overview of this Course of Study**

This class will be conducted in an environment similar to what one would expect to find in a well-operated business. It should be the objective of each of us to carry ourselves in a professional, business-like manner. In the context of this class, that means taking responsibility for one's assignments, producing *quality* work, communicating clearly, and acting in a civil manner.

As you are aware, this is a senior-level course. This fact alone dictates a different learning environment than you may have experienced in your past education and will require, in some cases, a new approach to the learning process on your part. You will be expected to develop your reading, research, and writing skills to a level that you may never have experienced previously. This will require dedication to this course and a desire to advance your education and the art of learning to a degree that may be new to you. Additionally, your time management skills will be put to the test as you try to balance other courses, career, family, leisure time, and other obligations along with your responsibilities to this course. Do not fall behind in this class! Being busy is not an excuse for turning in assignments late!

The educational philosophy of this course. The student is the center of the learning process; therefore, you are expected to assume the responsibility for your learning—to the degree and level that learning is achieved. Much of the learning achieved in this class will come as a result of student discussions. In this environment, the instructor will serve largely as a guide and facilitator for the student learning experience. You are expected to approach learning with purpose, commitment, dedication, seriousness, and an attitude of exploration. Accordingly, you must be self-driven by reading carefully all materials provided by the instructor, completing all course assignments in accordance with the instructions and specifications provided by the instructor, complying with assignment deadlines, and working within the assignment/course evaluation criteria.

As the student, you are to be an *active learner*, fully engaged in all facets of the course and its content. You will be expected to proof and assess the quality of your work *before* it has been presented to your instructor. It is *critical* to your success for you to comply with the writing and formatting guides associated with this course of study and for you to have a high level of understanding of these documents. Before you turn any work into the instructor, it is your responsibility to compare your written material with the requirements/specifications of the writing and formatting guides provided for this course

of study and to ensure to the instructor that you have fully complied with all requirements of the assignments.

**Coursework in this class.** The coursework in this particular course may be different from other classes you may have taken in the past. It is a senior-level class. Consequently it is expected that you will spend more time completing the assignments in this class than you may have in other previous classes. Also, the assignments in this class include a writing assignment that is intended to present a real world situation and environment.

### Student Responsibilities

This course will require you to read, conduct research, and write at a level appropriate for a senior-level student. It is assumed that you can read and write at this level coming into the course.

- You will be expected to read and comprehend the course syllabus, e-mails, and announcements.
- You will be expected to manage your time effectively and efficiently throughout the semester.
- You will be expected to meet all deadlines and due dates. Assignments turned in late will be subject to a ten percent (10%) score reduction for each day they are late. After five (5) days, assignments will receive a grade of zero (0). This policy will be enforced strictly!
- You will be expected to participate fully in the course by checking announcements and e-mails and responding to e-mails when requested. This should be a daily habit!
- You will be expected to employ a **formal business writing style and format** in all of your written correspondence (including e-mails).
- You will be expected to practice civility in your verbal interactions with the instructor, staff, and other students.
- You will be expected to devote at least twelve (12) clock hours to this course each week of the semester.
- E-mail will be our primary means of communication. Consequently, you will be expected to log into D2L Brightspace often (i.e., daily) to check for correspondence from your instructor.

### **Tips for Success in the Course**

This course of study uses online learning and collaboration tools; therefore, I am providing you the following tips for success:

**Do Not Presume.** Many students assume that online courses require less work and time and are generally "easier" than in traditional face-to-face university courses. In reality, online courses are designed to be just as rigorous, detailed, and demanding as

their face-to-face course counterparts. Be prepared to devote a minimum of twelve (12) clock hours a week for this course including required online assignments.

Study and Pay Attention to the Course Student Learning Outcomes. Every course has established learning outcomes that are expected of the student. These are carefully crafted and serve as the foundation on which a well-designed course is built. Every aspect of the academic course including readings, research, assignments, and projects flow from the course student learning outcomes. Understanding these will provide a better understanding of what is expected of you, the student, in all aspects of the course.

**Communication in the Course.** The majority, if not all of the communication in an online course will be by written word; therefore, be prepared talk by typing. There will be discussion boards, written and oral assignments/projects, etc. E-mail is the common mode of communication in this type of course. This is different than the typical face-to-face course where verbal communication is prevalent. Be prepared to read and write a "great amount."

**Participation in Discussion Boards.** You will be required to participate in the discussion boards (see below). Always respond to discussion board questions with substantive, well-researched remarks. An example of a bad posting would be a very short, non-value added response such as, "I agree with the previous post." An acceptable response would be multi-sentenced, thoroughly researched by you and generates additional thoughts that relate directly to the lesson's subject matter. Use this opportunity to interact and to have a meaningful conversation with your classmates.

Be Proactive and Take Responsibility for Your Grade. If you have course-related questions or do not understand an assignment, it is your responsibility to contact your instructor (presumably through university e-mail). Monitor your class grade regularly! Do not wait until your grade is in jeopardy to act. Your instructor is there to guide you through the course. However, your questions should be serious, well-written, positive, and to the point.

**Establish a Regular Schedule.** It is a good habit to work on your course each day or at least five days a week. Your course requires you to spend at least 12 hours per week reading, researching, and/or writing. It is not wise or effective to wait until the assignment or project is due to begin—your grade will suffer. Time management, planning ahead, and organization are the keys to success in any academic course.

#### **GRADING**

# **Grading Element Summary**

Grading Element	Unit Points	Quantity	Points	Weight (%)
Assignments				
Exercise #1	20	1	20	3.85

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Exercise #2	20	1	20	3.85
Exercise #3	20	1	20	3.85
Exercise #4	20	1	20	3.85
Exercise #5	20	1	20	3.85
Exercise #6	20	1	20	3.85
Exercise #7	20	1	20	3.85
Exercise #8	20	1	20	3.85
Exercise #9	20	1	20	3.85
Discussion Boards				
Discussion Board #1	30	1	30	5.76
Discussion Board #2	30	1	30	5.76
Discussion Board #3	30	1	30	5.76
Project				
Final Project	100	1	100	19.23
Exams				
Mid-term Exam	50	1	50	9.62
Final Exam	100	1	100	19.23
TOTAL			520	100.01

# **Grading Scale**

This course is completely online. This course consists of a series of assignments, discussion posts, exams, and a final project. Final grades in this course will be based on the following grading scale:

A = 468-520 points

B = 416-467 points

C = 364-415 points

D = 312-363 points

F = 000-311 points

# **Maximizing Your Grade**

In this class, you are preparing yourself to be a respected professional in a real world environment. Consequently, you should take advantage of this opportunity and conduct yourself in a manner consistent with that as would be expected by business managers and executives.

The assignments for this course of study are provided in this class syllabus. You are responsible for turning in your assignments on-time. In the real world, your boss

TMGT 455 01W - Project Planning and Scheduling – Fall 2023

would not be sending you reminders to get your work done on time and I will not be either! If you have questions about any of the assignments, it is <u>your</u> responsibility to bring those questions to me in a timely manner. Special allowances will not be made for mismanagement of time!

In the business world, **attention to detail** is critical. In this day of texting shortcuts and slang, you may not have placed a great deal of importance on spelling, grammar, or arithmetic calculation accuracy. But you can bet your boss will! These are the details that indicate a dedication to high professional standards and will separate you from others who lack these disciplines. Consequently, my grading rubric for written assignments contains five specific, well-rounded attributes: ① sources, ② content completeness and accuracy, ③ APA formatting, ④ mechanics, ⑤ and length.

No extra credit, additional work to improve a grade, or the re-doing of an assignment, project or examination will be permitted in this course.

All work in this course is to be completed individually, without collaboration with others. Each student in this course of study agrees to accept and abide by the Academic Honesty Policy.

#### **ASSIGNMENTS**

All work in this course is to be completed individually, without collaboration from others.

Refer to the section in this course syllabus on "Plagiarism."

Each student in this course of study agrees to accept and abide by the Academic Honesty Policy (see "Academic Integrity").

### **IMPORTANT NOTICE**

It is assumed that as a student in this course you know how to read at a high level, conduct word searches, and write (author) original papers/assignments on a given topic that fully comply with APA formatting guidelines. This course of study is not designed to provide you instruction on how to conduct research and/or write papers, respond to assignments, etc. Therefore, if you feel you do not have this level of knowledge and skill required in this course of study, you will need to discuss this matter immediately with your academic advisor to determine if you should remain in this course of study or what other action(s) you might wish to explore.

### **Course Assignments Guides & Instructions**

**Specific Instructions for Completing Final Report Assignment** 

APA Formatting

For details on APA formatting for fonts, margins, paragraph spacing, paragraph indentions, headers, APA references, and page numbers. Follow the example on the <u>Purdue University OWL website</u>. Required sections include the body and APA reference page. In-text and after-text references are required. A table of content, title page, and abstract are not required. Add a footer on all pages of the paper with your full name (last name first) and your CWID using a 10-point font:

Example: Doe, John-12345678

Short bulleted lists are acceptable as they make it easier for the reader to process information. However, they should not serve as a replacement for narrative! Follow APA guidelines for developing bulleted lists.

### **Grading Rubric for Written Assignments**

Rubric Categories 100 Total Points	Excellent 20 to 17 points	Proficient 16 to 9 points	Novice 8 to 3 points	Needs Improvement 2 to 0 points
Sources	Three or more current sources of which at least 2 are peer-review journal articles or scholarly books. Properly referenced with intext citations. Properly paraphrased.	Three current sources of which only 1 was peer-reviewed. Some references are not properly documented with intext citations. Paraphrase needs minor improvement.	Less than three current sources; some are current and only 1 or none are peer-viewed. Many references are not properly documented with in-text citations. Paraphrase needs major improvement.	No sources are credible or peer-reviewed. Most references are not properly documented with in-text citations. Paraphrase borders on or is plagiarism.
Content Completeness and Accuracy	Paper demonstrates that the author fully understands and has applied concepts learned in their research. Ties together information from all sources. Paper flows smoothly from one issue to the next. Author's writing demonstrates a professional tone and writing is clear to the reader.	Paper demonstrates that the author understands and has applied some of the concepts. Information from all sources needs minor improvements. Most of the paragraph writing flows. Author's writing demonstrates a progress toward professional tone but could be clearer.	Paper demonstrates that the author has a poor understanding of the concepts. Information from all sources needs major improvements. Many of the paragraphs do not flow from one issue to the next. Author's writing demonstrates weak writing skills for a graduate-level student.	Paper too incoherent for the reader to gain any information about the research.
APA Formatting	Written in third person. Error free. Correctly constructed APA citations (in-text and after-text references) and APA formatting.	No more than 2 errors	No more than 4 errors	5+ errors
Mechanics	No spelling &/or grammar mistakes	Minor spelling &/or grammar mistakes	Major noticeable spelling &/or grammar mistakes	Unacceptable number of errors

TMGT 455 01W - Project Planning and Scheduling - Fall 2023

Length	Paper satisfies the number of words/pages specified in the instructions			Paper has <b>more</b> or <b>fewer</b> words/pages than the number specified in the instructions
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#### Submission Instructions

Written assignments are to be submitted through the associated D2L Brightspace course assignment folder. The file name **must** follow this format: Your Last Name, First Name Assignment X:

Example: Doe, John Assignment X

Example: Team 1 (Doe, John, Hernandez, Maria) Assignment X

Assignments are to be turned in to your instructor via the associated D2L Brightspace assignment folder. Submit your assignments only once. The first one submitted will be the one graded.

### **Discussion Board Posts**

Online course discussion boards is an opportunity for communication between students and instructors. To facilitate student engagement, discussion board postings are a required part of this course and very helpful in explaining textbook concepts and assignment instructions. All discussion boards have the same grading rubric: 20 points for the initial post and 5 points for each of two replies.

When assigned, initial discussion posts are due on Tuesdays by 11:59PM of each week. Final replies (2 or more) are due on Saturdays by 11:59PM of each week when discussions are assigned.

#### **Due Dates**

Refer to the Course Calendar at the end of the syllabus for targeted due dates. Any changes to due dates required by unforeseen circumstances will be posted to the D2L calendar.

In general, all weekly assignments are due by 11:59 pm on the Sunday of that week with the exception of the final project, and discussion board posts (as stated above).

# Guide & Instructions for Completing Pre-assignment: Acceptance of Academic Honesty Policy and Confirmation of Syllabus Review (via Preliminary Quiz)

### DUE: First Friday of the Semester by 11:59 pm

Download Undergraduate Academic Dishonesty policy (<u>Undergraduate Academic Dishonesty 13.99.99.R0.03</u>). Review carefully the course syllabus. Take Preliminary Quiz.

TMGT 455 01W - Project Planning and Scheduling – Fall 2023

### **Guide & Instructions for Completing Chapter Exercises**

**DUE:** See "Course Calendar"

**VALUE:** 180 Points (9 assignments @ 20 points each)

#### **PRE-ASSIGNMENT ACTIVITIES:**

Read associated chapter in textbook.

Review Instructor Notes for associated chapter including any listed videos.

#### **DIRECTIONS:**

Each assignment will be associated with an exercise identified in the textbook. The learner will supplement the materials found in the textbook with outside resources which may provide greater explanation and/or clarity.

#### SUBMISSION INSTRUCTIONS:

Assignment is to be submitted through the associated D2L Brightspace course assignment folder. The file name **must** follow this format: Your Last Name, First Name Exercise Chapter X:

Example: Doe, John, Exercise Chapter X

#### **Guide & Instructions for Completing Discussion Boards (1-3)**

**DUE:** See "Course Calendar"

**VALUE:** 90 Points (3 discussion boards @ 30 points each)

#### **DIRECTIONS:**

Online course discussion boards are an opportunity for communication between students and instructor. Three discussion boards are scheduled during the semester. Each board will be related to a case study provided by the instructor. To receive full credit for the assignment, you must **complete a post of no less than 40 words**, in your own words, on the topic. These posts are to be completed by **Thursday at midnight of the week due**. You must also develop **two substantive replies** to the posts of other students (due by the following Sunday at midnight). Responses such as "I agree" or "that's right" are not substantive. All discussion boards have the same grading rubric: 20 points for the post and 5 points for each of two replies (30 points total).

### **Guide & Instructions for Completing Final Project (Project Management Plan)**

**DUE:** See "Course Calendar"

VALUE: 100 Points

#### **DIRECTIONS:**

Develop a 1,800-2,000 word project management plan (often referred to as a "project charter") paper that follows this outline:

- 1.0 PROJECT OVERVIEW
  - 1.1 EXECUTIVE SUMMARY
  - 1.2 KEY PROJECT INFORMATION
  - 1.3 ALTERNATIVES CONSIDERED
  - 1.4 PROJECT OBJECTIVES
  - 1.5 SCOPE/APPROACH
  - 1.6 PROJECT TEAM ORGANIZATION
  - 1.7 ROLES/RESPONSIBILITIES of PROJECT TEAM MEMBERS
- 2.0 PROJECT EXPECTATIONS
  - 2.1 METHODOLOGY
  - 2.2 MAJOR PROJECT DELIVERABLES
  - 2.3 RISKS/MITIGATION PLANS
- 3.0 PROJECT PROCEDURES
  - 3.1 ISSUE RESOLUTION/SCOPE CHANGE CONTROL
  - 3.2 QUALITY MANAGEMENT/REAPPRAISAL
  - 3.3 ACCEPTANCE CRITERIA/PROCEDURES

APPENDIX A—DESIGN DOCUMENTS

APPENDIX B—GANTT CHART with CRITICAL PATH

**Section Definitions:** Be sure to include all of the sections contained in this outline!

- **Executive Summary:** a **high-level** summary of the key points contained in the charter (e.g., purpose, budget, schedule highlights, construction/design techniques, etc.) Should be no more than three paragraphs in length.
- **Key Project Information:** a description of the project in terms of the project's purpose and intended outcomes, key risks, key third-party arrangements, and key implementation strategies (e.g., "design-build").
- **Alternatives Considered:** a review of the alternatives considered together with an explanation as why the chosen approach was selected.

TMGT 455 01W - Project Planning and Scheduling - Fall 2023

- Project Objectives: expressed as a set of outcomes (e.g., interchange at [location] capable of supporting automobile speeds of a minimum 50 miles per hour and provide traction and skid-protection capabilities for icy conditions).
- Scope/Approach: provide specifics on the qualities of the final product deliverable (e.g., references to design documents in an appendix, thickness of the pavement, mix ratios, construction/management methods to be employed, description of landscaping, etc.)
- **Project Team Organization:** an organization chart depicting the management team of the project.
- Roles/Responsibilities of Project Team Members: for each role represented
  on the project team, provide a description of the responsibilities of that role
  (example: Project Manager—provides overall project management (including
  plan management and periodic status reporting), ensures resource availability,
  resolves project issues, and sets the day-to-day project direction).
- **Methodology:** a description of the method or methods expected to be used during the project. Description should provide a link to the risk mitigation plan.
- *Major Project Deliverables:* description of the major project deliverables including a reference to design documents in the appendix.
- Risks/Mitigation Plans: description of known risks (e.g., weather, labor strikes, etc.) and plans for avoiding and/or reducing the impact of the risks (example: risk—labor strike; mitigation plan—ensure current contract extends beyond the anticipated life of the project.
- Issue Resolution/Scope Change Control: description of the processes the project management group will follow to ensure the project comes in on time and budget including processes for change orders and issue resolution.
- **Quality Management/Reappraisal:** description of methods to be followed for the duration of the project to ensure deliverables meet specifications. Also to include a method for testing and reappraisal at the end of the project to demonstrate stated design requirements have been satisfied.
- Acceptance Criteria/Procedures: description of final sign-off process.
- Appendix A: design documents that support the descriptions of scope, objectives, and the executive summary (e.g., site photos, sketches, etc.)
- **Appendix B:** Gantt chart depicting the overall project schedule including the identification of the project's critical path.

See "Course Assignments Guides & Instructions" for guidance on the grading rubric and assignment submission.

### **Guide & Instructions for Completing Mid-term and Final Exams**

**DUE:** See "Course Calendar"

**VALUE:** 150 Points (50 points for Mid-term Exam; 100 points for Final Exam)

#### **DIRECTIONS:**

The Mid-term and Final Exams will consist of twenty-five (25) and fifty (50) multiple choice questions, respectively. The Mid-term Exam will cover the materials covered by Chapters 1-8. The Final Exam will cover all materials not covered by the Mid-term **Exams:** Exams are timed and can only be accessed once each; be ready to complete the entire exam once it is entered. Exams automatically close at the posted deadline and will not be reopened for late submission. Each exam **MUST** be completed by the posted deadline or a grade of "zero" will be assigned tor that exam.

### **TECHNOLOGY REQUIREMENTS**

#### **LMS**

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

### LMS Requirements:

https://community.brightspace.com/s/article/Brightspace-Platform-Requirements

#### LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser\_support.htm

YouSeeU Virtual Classroom Requirements:

https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements

#### **ACCESS AND NAVIGATION**

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or <a href="https://example.com/helpdesk@tamuc.edu">helpdesk@tamuc.edu</a>.

**Note:** Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

TMGT 455 01W - Project Planning and Scheduling - Fall 2023

#### COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

### **Technical Support**

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

https://community.brightspace.com/support/s/contactsupport

### **Assistance Through The Writing Center**

The Writing Center at Texas A&M University is committed to assisting student writers at all levels. The Writing Center is located on-campus in the Hall of Languages Building, Room 103. The hours of operation are Monday through Thursday from 9:00 a.m. until 4:00 p.m. and on Friday from 9:00 a.m. until 1:00 p.m. There is also an Online Writing Lab, accessed by sending an e-mail to: <a href="writing.tamuc@gmail.com">writing.tamuc@gmail.com</a>

#### **Interaction with Instructor Statement**

- Correspondence with your instructor in this course will be done via e-mail.
- All e-mails to your instructor must be written clearly in a formal business format.
- E-mails must be written to reflect your professionalism: complete sentences, correctly spelled words, correct punctuation, grammar, etc.
- All e-mails sent to your instructor MUST have the following in the e-mail SUBJECT LINE: TMGT 510 01W – P. Carter: Your First Name, Your Last Name, Your CWID #, Subject of E-mail
- Virtual Office Hours: Virtual office hours are noted on page 1 of this course syllabus. I check also my e-mail inbox regularly and try to reply to all messages within 24 hours.

### **COURSE AND UNIVERSITY PROCEDURES/POLICIES**

### **Course Specific Procedures/Policies**

This class will operate according to the following policies to ensure fairness and equal treatment to all students:

- Work, vacation, travel, and sickness/accident/death outside your immediate family do NOT constitute approved excuse for failing to complete assignments and/or meeting course deadlines and due dates.
- If you find it necessary to miss a deadline/due date and you believe you have a
  valid reason that meets university guidelines and course policy, notify the
  instructor immediately in writing!
- Grading policies and requirements identified in this course syllabus are nonnegotiable and will be adhered to in this course of study with all students held to an identical and equal standard.
- If you do not agree with any requirement herein, believe any requirement to be "unfair" or "unreasonable," or believe that less should be expected of you than your classmates in order to earn a comparable course grade, you should WITHDRAW IMMEDIATELY from this course and re-evaluate your dedication to the principle of academic integrity and success!
- Grades earned in this course will be based on a numerical value and the final course grade will be recorded/posted as a letter grade (see "Grading Scale").
- Numerical scores that determine the final course grade will not be rounded-up.

**NOTICE:** If you are not willing to devote the time and effort necessary for the successful completion of this course or if you do not have the prerequisite knowledge/skills to successfully complete this course, you need to discuss this matter with your academic advisor immediately.

# Civility is the rule at all times!

# Syllabus Change Policy

This syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

# **University Specific Procedures**

#### **Student Conduct**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the <a href="Student Guidebook">Student Guidebook</a>.
<a href="http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.as">http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.as</a>
<a href="px">px</a>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: https://www.britannica.com/topic/netiquette

#### **TAMUC Attendance**

For more information about the attendance policy please visit the <u>Attendance</u> webpage and <u>Procedure 13.99.99.R0.01</u>.

http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf

### **Academic Integrity**

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

<u>Undergraduate Academic Dishonesty 13.99.99.R0.03</u> <u>Undergraduate Student Academic Dishonesty Form</u>

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf

Graduate Student Academic Dishonesty Form

http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf

#### Students with Disabilities-- ADA Statement

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 have a disability requiring an accommodation, please contact:

#### Office of Student Disability Resources and Services

Texas A&M University-Commerce Velma K. Waters Library Rm 162 Phone (903) 886-5150 or (903) 886-5835 Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu

Website: Office of Student Disability Resources and Services

http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

#### **Nondiscrimination Notice**

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

### **Campus Concealed Carry Statement**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the <u>Carrying Concealed Handguns On Campus</u> document and/or consult your event organizer.

#### Web url:

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

# **A&M-Commerce Supports Students' Mental Health**

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit <a href="https://www.tamuc.edu/counsel">www.tamuc.edu/counsel</a>

#### Al Use in Courses

Texas A&M University-Commerce acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors 'guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

13.99.99.R0.03 Undergraduate Academic Dishonesty 13.99.99.R0.10 Graduate Student Academic Dishonesty

#### **COURSE CALENDAR**

Week	Beginning Monday,	Class Activities/Assignments	Points (Total = 520 pts)
1	August 28	Review syllabus thoroughly. Read the "Acceptance of Academic Honesty Policy." Take "Preliminary Quiz."	
		Familiarize yourself with the courseware and follow the initial instructions provided in the online course. Post on-line introductions with photo for class roster. Acquire copy of text and begin reading assignments.	
2	September 4	Chapter 1 – Introduction Chapter 2 – Bar (Gantt) Charts Exercise #1 (due 09/10/23, 11:59 pm)	20 pts
3	September 11	Chapter 3 – Basic Networks Chapter 4 – Critical Path Method Discussion Board #1 Posts (due 09/12/23, 11:59 pm) Discussion Board #1 Replies (due 09/16/23, 11:59 pm) Exercise #2 (due 09/17/23, 11:59 pm) Exercise #3 (due 09/17/23, 11:59 pm)	10 pts 20 pts 20 pts 20 pts 20 pts
4	September 18	Chapter 5 – Precedence Networks Chapter 6 – Resource Allocation and Resource Leveling Exercise #4 (due 09/26/23, 11:59 pm)	20 pts
5	September 25	Chapter 7 – Schedule Updating and Project Control Chapter 8 – Schedule Compression and Time-Cost Trade-off Exercise #5 (due 10/01/23, 11:59 pm)	20 pts
6	October 2	Chapter 9 – Reports and Presentations Exercise #6 (due 10/08/23, 11:59 pm)	20 pts
7	October 9	Midterm Examination opens on Thursday (covers Chapters 1-8)	•
8	October 16	Midterm Examination due Wednesday, 10/18/23, 11:59 pm Chapter 10 – Scheduling as Part of the Project Management Effort Chapter 11 – Other Scheduling Methods	50 pts
		Exercise #7 (due 10/22/23, 11:59 pm)	20 pts

TMGT 455 01W - Project Planning and Scheduling – Fall 2023

9	October 23	Chapter 12 – Dynamic Minimum Lag	
		Discussion Board #2 Posts (due 10/26/23, 11:59 pm)	
		Discussion Board #2 Replies (due 10/329/23, 11:59 pm)	30 pts
10	October 30	Chapter 13 – Construction Delay and Other Claims	
		Exercise #8 (due 11/05/23, 11:59 pm)	20 pts
11	November 6	Chapter 14 – Schedule Risk Management	
		Begin Final Project (if you have not already!)	
		Exercise #9 (due 11/12/23, 11:59 pm)	20 pts
12	November 13	Chapter 15 – BIM-based 4D Modeling and Scheduling	
		Continue Final Project (due 12/03/23, 11:59 pm)	
13	November 20	Continue Final Project (due 12/03/23, 11:59 pm)	
November 24-25 THANKSGIVING HOLIDAY		THANKSGIVING HOLIDAY	
14	November 27	Final Project Due 12/03/23, 11:59 pm	100 pts
		Discussion Board #3 Posts (due 11/28/23, 11:59 pm)	
		Discussion Board #3 Replies (due 12/03/23, 11:59 pm)	30 pts
15	December 4	Final Examination opens Thursday (covers Chapters 9-20)	
16	December 11	Final Examination due Wednesday, 12/13/23, 11:59 pm	100 pts
Decem	nber 16	Final Day of the Fall 2021 Semester	

Refer to the University Master Calendar for additional important dates.

### **Biographical Summary for Your Instructor**

**Gerald Patrick Carter** is an Electrical Engineering Distinguished Lecturer in the Department of Engineering & Technology/College of Science & Engineering. He received his Master of Science in Electrical Engineering from Southern Methodist University and Masters in Business Administration from the University of Dallas. He also holds a Bachelor of Science degree in Computer Science from Louisiana Tech University, Ruston LA.

Mr. Carter has over thirty-six years of engineering, engineering management, and program management experience, including four years as Senior Director over a team of 1400 engineers at a major defense contractor. He also has over 12 years of experience as a Project and Program Manager over complex mission systems.

Mr. Carter joined Texas A&M University – Commerce in August 2017 to support the College of Engineering and Science develop and promote the Electrical Engineering Program. He serves as the Industry Liaison for the Department of Engineering and Technology, participating in Industry Advisory Board meetings, recruiting sessions, and plant tours for E&T students.