



*Soules College of Business*  
*Department of Technology*  
**TECH 5334-Project Management Certification**  
*Course Syllabus*  
*Summer 2026 June 29 – August 15*

Professor: Dr. Randell Farley

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Class Time: Online

For students who require in-person attendance, including international students, optional meeting times are available from 2:00–3:00 PM on the dates listed below. Please sign in upon arrival:

Date	Date	Date	Date	Date
Tue June 30 <sup>th</sup>	Tue July 7 <sup>th</sup>	Tue July 14 <sup>th</sup>	Tue July 21 <sup>st</sup>	Tue July 28 <sup>th</sup>

**Course Description:**

Advanced study and application of professional project management practices aligned with the Project Management Professional (PMP) Examination Content Outline. The course emphasizes leadership, stakeholder engagement, governance, scope, schedule, cost, risk, quality, procurement, and value delivery across predictive, agile, and hybrid environments. Students apply PMI-aligned terminology and structured decision frameworks to a real-world project while developing certification-level situational judgment, analytical reasoning, and exam readiness. Quantitative methods including earned value management, risk analysis, forecasting, and performance evaluation are integrated throughout the course.

Prerequisite: TECH 5331

**Course Purpose:**

This course builds on foundational project management knowledge developed in TECH 5331 and advances students toward certification-level precision and executive-level project leadership. Emphasis is placed on structured decision-making, terminology alignment, quantitative analysis, and governance discipline consistent with the PMP Examination Content Outline. The course simulates the situational and analytical rigor required of professional project managers. It does not guarantee certification outcomes.

**Course Learning Objectives:** Upon successful completion of this course, students will be able to:

1. Apply the three PMP performance domains (People, Process, Business Environment) to a real-world project.
2. Demonstrate situational leadership and stakeholder decision-making aligned with professional standards.
3. Evaluate scope, schedule, cost, and risk using quantitative project management tools.
4. Interpret earned value metrics and forecasting models to assess project performance.
5. Design governance structures and change control frameworks appropriate to project complexity.
6. Integrate predictive, agile, and hybrid methodologies based on project characteristics.
7. Demonstrate certification-level situational judgment through timed, scenario-based assessments.

### **Instructor Note**

This course assumes foundational project management knowledge. The objective is not to introduce project management concepts, but to refine decision precision, vocabulary alignment, and professional judgment at a certification-ready level. Students will analyze complex scenarios, interpret performance data, and apply structured reasoning consistent with professional project leadership expectations. Consistent engagement is essential. This is an accelerated seven-week graduate course designed to simulate real-world accountability and certification-level assessment standards.

### **Course Structure**

This is a fully online course delivered in a structured weekly format. Each instructional week runs Monday through Sunday.

Each week includes:

- Recorded lecture modules
- Assigned PMI terminology
- A structured portfolio section submission
- A timed 50-question quiz

Week 7 includes a full 180-question simulated certification-style examination.

Students are expected to remain on pace weekly.

### **Assessment Philosophy**

All quizzes and examinations are open book and open notes; however, they are strictly timed and scenario-based. Assessments emphasize interpretation, professional judgment, and application rather than memorization. Students are expected to demonstrate understanding of when and how to apply project management tools, formulas, and decision frameworks in realistic project situations. Quantitative computation may include earned value management, forecasting, expected monetary value, schedule analysis, and related analytical methods. The final 180-question examination simulates certification-style conditions and measures readiness across the People, Process, and Business Environment domains.

### **Required Materials**

Students should have access to:

- PMI terminology glossary (provided)
- Approved calculator for quantitative exercises
- Reliable internet access
- Microsoft Word or compatible software for portfolio submissions

### **Recommended Certification Preparation Resources**

Students intending to pursue PMP certification may independently obtain current preparation materials aligned with the PMP Examination Content Outline. Widely used resources include:

- *A Guide to the Project Management Body of Knowledge (PMBOK® Guide), Seventh Edition* – Project Management Institute
- *Agile Practice Guide* – Project Management Institute
- *PMP Examination Content Outline* – Project Management Institute

- Mulcahy, R. – *PMP Exam Prep* (latest edition)
- Crowe, A. – *The PMP Exam: How to Pass on Your First Try*
- Heldman, K. – *PMP Study Guide*
- Commercial practice simulation platforms offering large question banks

Students are responsible for ensuring materials align with the current PMP Examination Content Outline.

**Major Assignments & Grading Breakdown:**

Category	Description	Points
Weekly Quizzes (6)	20-question timed, scenario-based quizzes	240
Executive Portfolio Sections (6)	Structured weekly submissions tied to selected project	600
Final 180-Question Mock Examination	Full-length simulated certification-style exam	360
Final Compiled Executive Portfolio	Professionally formatted integrated submission	100
<b>Total</b>		<b>1300</b>

**Weekly Course Schedule**

Week	Focus Area	Major Activities	Deliverables
1	PMP Framework & Alignment	PMP domains, methodology selection, terminology alignment	Portfolio Section 1 + Quiz 1
2	People Domain I – Leadership	Leadership styles, emotional intelligence, team dynamics	Portfolio Section 2 + Quiz 2
3	People Domain II – Stakeholders	Stakeholder engagement, negotiation strategy	Portfolio Section 3 + Quiz 3
4	Process Domain I – Planning	Scope baseline, scheduling logic, risk planning, quantitative tools	Portfolio Section 4 + Quiz 4
5	Process Domain II – Control	Earned value management, forecasting, change control, procurement	Portfolio Section 5 + Quiz 5
6	Business Environment	Governance, compliance, benefits realization, value delivery	Portfolio Section 6 + Quiz 6
7	Certification Simulation	Full 180-question mock exam, readiness analysis	Mock Exam + Final Portfolio

**Final Grades:**

- A. = 90-100%
- B. = 80-89%
- C. = 70-79%
- D. = 60-69%

Any Grade below 60% is an F

**Late Work Policy:**

- Late assignments receive a 10% deduction
- Extensions may be granted only for documented emergencies (medical, family crisis, etc.). Any make up course work or exams due to a student not submitting it is considered on a case by case basis. Which means the professor reserves the right to decline make up course work or exams.

**Note: The instructor reserves the right to modify the syllabus. All modifications will be communicated to the students in a timely manner**

### Resources available to UT Tyler Students

- [UT Tyler Counseling Center](#) (available to all students)
- [TimelyCare](#) (24/7 access to Student Support Program counseling through phone or chat and online wellness resources available in a variety of languages)
- [Military and Veterans Affairs](#) (supports for our military-affiliated students)
- [UT Tyler Patriot Food Pantry](#)
- [UT Tyler Financial Aid and Scholarships](#)
- [UT Tyler Student Business Services](#) (pay or set up payment plans, etc.)
- [UT Tyler Registrar's Office](#) (academic information, forms library, policies, etc.)
- [Office of International Programs](#)
- [Title IX Reporting](#)
- [Patriots Engage](#) (available to all students. Get engaged at UT Tyler.)

### University Policies and Information

#### Withdrawing from Class

Students may [withdraw](#) (drop) from this course using the [Withdrawal Portal](#). Withdrawing (dropping) this course can impact your Financial Aid, Scholarships, Veteran Benefits, Exemptions, Waivers, International Student Status, housing, and degree progress. Please speak with your instructors, consider your options, speak with your advisor, and visit the One-Stop Service Center (STE 230) or email [enroll@uttyler.edu](mailto:enroll@uttyler.edu) to get a complete review of your student account and the possible impacts to withdrawing. We want you to make an informed decision. UT Tyler faculty and staff are here for you and often can provide additional support options or assistance. Make sure to carefully [read the implications for withdrawing from a course and the instructions](#) on using the [Withdrawal portal](#).

Texas law prohibits students from dropping more than six courses during their entire undergraduate career\*. The six courses dropped includes those from other 2-year or 4-year Texas public colleges and universities. Consider the impact withdrawing from this class has on your academic progress and other areas, such as financial implications. We encourage you to consult your advisor(s) and Enrollment Services for additional guidance. **CAUTION #1:** Withdrawing before census day does not mean you get a full refund. Please see the [Tuition and Fee Refund Schedule](#). **CAUTION #2:** All international students must check with the [Office of International Programs](#) before withdrawing. All international students are required to enroll full-time for fall and spring terms. **CAUTION #3:** All UT Tyler Athletes must check with the Athletic Academic Coordinator before withdrawing from a course. **CAUTION #4:** All veterans or military-affiliated students should consult with [Military and Veterans Affairs](#).

\* Students who began college for the first time before 2007 are exempt from this law.

#### Artificial Intelligence Statement

UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy. *Refer to the About This Course section of the UT Tyler Syllabus Module for specific information on appropriate use of AI in your course(s).*

### **Final Exam Policy**

Final examinations are administered as scheduled. If unusual circumstances require that special arrangements be made for an individual student or class, the Dean of the appropriate college, after consultation with the faculty member involved, may authorize an exception to the schedule. Faculty members must maintain student final examination papers for a minimum of three months following the examination date.

### **Incomplete Grade Policy**

If a student, because of extenuating circumstances, is unable to complete all of the requirements for a course by the end of the semester, then the instructor may recommend an Incomplete (I) for the course. The "I" may be assigned in place of a grade *only when all of the following conditions are met*: (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all coursework or final exam due to unusual circumstances that are beyond personal control and are acceptable to the instructor, and (c) the student presents these reasons before the time that the final grade roster is due. The semester credit hours for an Incomplete will not be used to calculate the grade point average.

The student and the instructor must submit an Incomplete Form detailing the work required and the time by which the work must be completed to their respective department chair or college dean for approval. The time limit established must not exceed one year. Should the student fail to meet all of the work for the course within the time limit, then the instructor may assign zeros to the unfinished work, compute the course average for the student, and assign the appropriate grade. If a grade has yet to be assigned within one year, then the Incomplete will be changed to an F, or NC. If the course was initially taken under the CR/NC grading basis, this may adversely affect the student's academic standing.

### **Grade Appeal Policy**

Disputes regarding grades must be initiated within sixty (60) days from the date of receiving the final course grade by filing a Grade Appeal Form with the instructor who assigned the grade. A grade appeal should be used when the student thinks the final course grade awarded does not reflect the grades earned on assessments or follow the grading scale as documented in the syllabus. The student should provide the rationale for the grade appeal and attach supporting document about the grades earned. The form should be sent via email to the faculty member who assigned the grade. The faculty member

reviews the rationale and supporting documentation and completes the instruction section of the form. The instructor should return the form to the student, even if a grade change is made at this level. If the student is not satisfied with the decision, the student may appeal in writing to the Chairperson of the department from which the grade was issued. In situations where there is an allegation of capricious grading, discrimination, or unlawful actions, appeals may go beyond the Chairperson to the Dean or the Dean's designee of the college from which the grade was issued, with that decision being final. The Grade Appeal form is found in the [Registrar's Form Library](#).

NOTE: The Grade Appeal Form is different from the Application for Appeal form submitted to the Student Appeals Committee, which does not rule on grade disputes as described in this policy.

### **Disability/Accessibility Services**

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA), the University of Texas at Tyler offers accommodations to students with learning, physical, and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler/> and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with the Assistant Director Student Accessibility and Resources/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <https://www.uttyler.edu/disability-services>, the SAR office located in the Robert Muntz Library, LIB 460, email [saroffice@uttyler.edu](mailto:saroffice@uttyler.edu), or call 903.566.7079."

### **Military and Veterans**

UT Tyler honors the service and sacrifices of our military-affiliated and veterans students. If you are a student who is a veteran, on active duty, in the reserves or National Guard, or a military spouse or dependent, please stay in contact with your faculty member if any aspect of your present or prior service or family situation makes it difficult for you to fulfill the requirements of a course or creates disruption in your academic progress. It is important to make your faculty member aware of any complications as far in advance as possible. Your faculty member is willing to work with you and, if needed, put you in contact with university staff who are trained to assist you. The [Military and Veterans Affairs](#) has campus resources for military-affiliated students. The MVSC can be reached at [MVSC@uttyler.edu](mailto:MVSC@uttyler.edu) or via phone at 903.565.5972.

### **Students on an F-1 Visa**

To remain in compliance with Federal Regulations requirements you must do the following:

- Traditional face-to-face classes: Attend classes on the regular meeting days/times.
- Hybrid Classes: Attend all face-to-face classes convened by the instructor according to the schedule set for your specific course.
- Online course: Only one online course can count toward your full-time enrollment. Students are expected to be fully engaged and meet all requirements for the online course.

### **Academic Honesty and Academic Misconduct**

The UT Tyler community comes together to pledge that "Honor and integrity will not allow me to lie, cheat, or steal, nor to accept the actions of those who do." Therefore, we enforce the [Student Conduct and Discipline policy](#) in the Student Manual Of Operating Procedures (Section 8).

### **FERPA**

UT Tyler follows the Family Educational Rights and Privacy Act (FERPA) as noted in [UT Tyler's Policy 7.01: Family Educational Rights and Privacy Act](#). The course instructor will follow all requirements to protect your confidential information.

### **Absence for Official University Events or Activities**

This course follows the practices related to [Excused Absences for University Events or Activities](#) as noted in the Catalog.

### **Absence for Religious Holidays**

This course follows the practices related to UT Tyler's [Excused Absence for Religious Holy Days](#) as noted in the Catalog.

### **Absence for Pregnant Students**

This course follows the requirements of Texas Laws SB 412, SB 459, SB 597/HB 1361 to meet the needs of pregnant and parenting students. Part of the supports afforded pregnant students includes excused absences. Faculty who are informed by a student of needing this support should make a referral to the Parenting Student Liaison. NOTE: Students must work with the Parenting Student Liaison in order to receive these supports. Students should reach out to the Parenting Student Liaison at [parents@uttyler.edu](mailto:parents@uttyler.edu) and also complete the [Pregnant and Parenting Self-Reporting Form](#).

### **Campus Carry**

We respect the right and privacy of students who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>.