

CSCE 3055- Summer 2026

IT Project Management

3 credit hours

Instructor: [Hadiseh Gooran](#)

Email: Hadiseh.Gooranorimi@unt.edu

Office Hours: By Appointment

Class Format: Asynchronous – Videos and assignments will be posted weekly on **Wednesdays at Noon.**

Communication Expectations:

We will primarily use email for direct communication. Please send personal concerns or questions to hadiseh.gooranorimi@unt.edu. I aim to respond to emails within 24-48 hours on weekdays, provide assignment feedback within a week, and post grades within a week of the submission deadline. Remember to adhere to netiquette principles in your communication, and check course announcements for updates. Your questions and concerns are important, so don't hesitate to reach out.

Course Description

This asynchronous course equips students with essential tools and techniques for managing IT systems projects, including software development, network management, and IT systems installation. Through project-based exercises and case studies, students will practice applying project management principles in a virtual setting, emphasizing communication, documentation, and agile methodologies.

Course Structure

This class is online, and it happens during 10 weeks of a semester.

Course Prerequisites:

CSCE 2100 with a grade of C or better.

Course Objectives

By the end of this course, students will be able to:

1. Demonstrate the use of good project management techniques and tools in the development of a management plan for an IT project.
2. Demonstrate an understanding of the unique management requirements of different types of IT Systems projects.
3. Develop a management plan and budget for an IT project.
4. Demonstrate an understanding of team management and conflict resolution skills through a number of small management projects.
5. Create a system lifecycle document for a sample problem including all components using the Unified Modeling Language.

Required book:

- Lecture Notes, Slides and Online

Weekly Plan:

- **Week 1: Course Introduction**
Overview of course structure, expectations, and key project guidelines.
- **Week 2: Agile vs. Waterfall**
Understanding project management methodologies and when to use each.
- **Week 3: System Design – SRS Documentation**
Defining project scope, requirements, and deliverables through SRS.
- **Week 4: Project Manager Role & Team Building**
Building effective teams, communication strategies, and leadership skills.
- **Week 5: RFP/QE/CMMI – Quality Management**
Developing project proposals, ensuring quality, and maintaining standards.
- **Week 6: CPM – Critical Path Method**
Identifying project timelines, dependencies, and resource allocation.
- **Week 7: Change Control & Risk Management**
Managing scope changes and mitigating project risks effectively.
- **Week 8: Resource Management & Testing**
Allocating resources efficiently and implementing testing strategies.
- **Week 9: Go-Live Preparation & Final Review**
Preparing for project deployment and conducting final reviews.
- **Week 10: Final Exam & Project Submission**
Comprehensive exam covering all course topics and final project submission.

Academic Support Services

- Academic Resource Center (<https://clear.unt.edu/canvas/student-resources>)
- Academic Success Center (<https://success.unt.edu/asc>)
- UNT Libraries (<https://library.unt.edu/>)
- Writing Lab (<http://writingcenter.unt.edu/>)
- MathLab (<https://math.unt.edu/mathlab>)

Course Policies:

Late Work

You will not be able to receive a full grade for late submissions. Please ensure that you submit your work on time. If you anticipate needing more time for any reason, it is essential to inform the instructor in advance and provide a valid reason for requesting an extension. Without advance notice and a valid reason, we may not be able to accommodate late submissions.

Grading Policy

The components of your grade are weighted as follows:

- **Recorded Final Presentation:** 30%
- **Group Assignments:** 50%
- **2 Exams:** 20% (quizzes if needed)

Grading Scale:

- A = 90-100
- B = 80-89
- C = 70-79
- D = 60-69
- F = Below 60

Course Evaluation

Student Perceptions of Teaching (SPOT) is the student evaluation system for UNT and allows students the ability to confidentially provide constructive feedback to their instructor and department to improve the quality of student experiences in the course.

Syllabus Change Policy

Please be aware that the syllabus, course details, and due dates are subject to change during the course. Updates will be communicated through class announcements, email, or the course management system. Changes may arise to enhance the learning experience or address unforeseen circumstances. It is your responsibility to stay informed and adapt as necessary. Your understanding and cooperation are appreciated as we strive to provide the best possible learning environment.

Academic integrity

This course follows UNT's policy for *Student Academic Integrity* that can be found at <https://policy.unt.edu/policy/06-003> as well as the *Cheating Policy* for the Department of Computer Science and Engineering. Specifically, the first instance of a student found to have violated the academic integrity (i.e., cheating) policy will result in a grade of "F" for the course and have a report filed into the Academic Integrity Database, which may include additional sanctions.

ADA Policy

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website (<https://disability.unt.edu/>).

AI Policy

In this project management class, the use of AI tools is strictly prohibited. Students are expected to complete all assignments, projects, and assessments independently, using their own skills and understanding. Any use of AI for tasks such as data analysis, task automation, or project planning will be considered a violation of academic integrity and will result in disciplinary action. The focus of this course is to ensure students develop essential project management skills through hands-on experience and independent problem-solving.

Technical Assistance

Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

UIT Help Desk: <http://www.unt.edu/helpdesk/index.htm>

Email: helpdesk@unt.edu

Phone: 940-565-2324

In Person: Sage Hall, Room 130

Walk-In Availability: 8am-9pm

Telephone Availability:

- Sunday: noon-midnight
- Monday-Thursday: 8am-midnight

- Friday: 8am-8pm
- Saturday: 9am-5pm

Laptop Checkout: 8am-7pm

For additional support, visit Canvas Technical Help

(<https://community.canvaslms.com/docs/DOC-10554-4212710328>)

Student Support Services

- Registrar (<https://registrar.unt.edu/registration>)
- Financial Aid (<https://financialaid.unt.edu/>)
- Student Legal Services (<https://studentaffairs.unt.edu/student-legal-services>)
- Career Center (<https://studentaffairs.unt.edu/career-center>)
- Multicultural Center (<https://edo.unt.edu/multicultural-center>)
- Counseling and Testing Services (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- Student Affairs Care Team (<https://studentaffairs.unt.edu/care>)
- Student Health and Wellness Center
(<https://studentaffairs.unt.edu/student-health-and-wellness-center>)
- Pride Alliance (<https://edo.unt.edu/pridealliance>)

Emergency Notification & Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Blackboard for contingency plans for covering course materials.

Retention of Student Records

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Blackboard online system, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

Acceptable Student Behavior

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. Visit UNT's Code of Student Conduct (<https://deanofstudents.unt.edu/conduct>) to learn more.

Access to Information - Eagle Connect

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward email Eagle Connect (<https://it.unt.edu/eagleconnect>).

Sexual Assault Prevention

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment, sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex, and therefore prohibit sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking, and/or sexual assault, there are campus resources available to provide support and assistance. UNT's Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-565-2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at oeo@unt.edu or at (940) 565 2759.

Important Notice for F-1 Students taking Distance Education Courses

Federal Regulation

To read detailed Immigration and Customs Enforcement regulations for F-1 students taking online courses, please go to the Electronic Code of Federal Regulations website (<http://www.ecfr.gov/>). The specific portion concerning distance education courses is located at Title 8 CFR 214.2 Paragraph (f)(6)(i)(G).

The paragraph reads:

(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

University of North Texas Compliance

To comply with immigration regulations, an F-1 visa holder within the United States may need to engage in an on-campus experiential component for this course. This component (which must be approved in advance by the instructor) can include activities such as taking an on-campus exam, participating in an on-campus lecture or lab activity, or other on-campus experience integral to the completion of this course. If such an on-campus activity is required, it is the student's responsibility to do the following:

- (1) Submit a written request to the instructor for an on-campus experiential component within one week of the start of the course.
- (2) Ensure that the activity on campus takes place and the instructor documents it in writing with a notice sent to the International Student and Scholar Services Office. ISSS has a form available that you may use for this purpose.

Because the decision may have serious immigration consequences, if an F-1 student is unsure about his or her need to participate in an on-campus experiential component for this course, s/he should contact the UNT International Student and Scholar Services Office (telephone 940-565-2195 or email internationaladvising@unt.edu) to get clarification before the one-week deadline.

Student Verification

UNT takes measures to protect the integrity of educational credentials awarded to students enrolled in distance education courses by verifying student identity, protecting student privacy, and notifying students

of any special meeting times/locations or additional charges associated with student identity verification in distance education courses.

See UNT Policy 07-002 Student Identity Verification, Privacy, and Notification and Distance Education Courses (<https://policy.unt.edu/policy/07-002>).

Use of Student Work

A student owns the copyright for all work (e.g. software, photographs, reports, presentations, and email postings) he or she creates within a class and the University is not entitled to use any student work without the student's permission unless all of the following criteria are met:

- The work is used only once.
- The work is not used in its entirety.
- Use of the work does not affect any potential profits from the work.
- The student is not identified.
- The work is identified as student work.

If the use of the work does not meet all of the above criteria, then the University office or department using the work must obtain the student's written permission.

Download the UNT System Permission, Waiver and Release Form