



School of Computer Science and Information Systems  
 Project Management in Business & Technology (44618-01)  
 IT Project Management (44418-01)  
 Spring 2026

Class Time: MWF 12:00PM -12:30PM. CH 1150

**Instructor:** Dr. Aziz Fellah

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**Office hours:** MWF: 10:00 AM-11:30 AM; M: 3:30 PM-5:00 PM; W: 3:30 PM-4:30 PM

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**Prerequisites:** CSIS 44542 with a grade of B or better, or concurrent enrollment in CSIS 44542, or consent of instructor.

**Course Description:**

This course covers the skill set needed to lead an information system development team in successful project management using the constraints of scope, time, cost, and quality. Current behavioral and technical tools of project management are presented within the context of the information systems development process. Some of the work may be accomplished using workgroups and teams. (3 hours credit)

**Student Learning Outcomes**

Student Learning Outcomes	Assessment Methods
1. An ability to analyze a problem, and to identify and define the computing requirements appropriate to its solution.	Assignments, group discussions and presentations.
2. An ability to function effectively on teams to establish goals, plan tasks, meet deadlines, manage risk, and produce deliverables.	Assignments, group discussions and presentations.
3. An ability to evaluate and demonstrate leadership skills, make sound data-driven decisions, take responsibility for actions, manage workload, address challenges ethically and responsibly, and communicate effectively on technical matters to a wide variety of audiences.	Assignments, group discussions and presentations.

**Note:** Refer to Syllabus Addendum for additional information.

**Disclaimer:** Course schedule is subject to change, and you will be responsible for abiding by any such changes. Your instructor will notify you of any changes.

## Objectives of the Course

Upon completion of this course, students should:

1. Understand project management and its importance to improving the success of information technology projects.
  - Team leadership
  - Organizational culture
  - Leading change in today's organization
  - Managing quality
2. Demonstrate knowledge of project management terms and techniques such as
  - The project management knowledge areas and process groups
  - The project life cycle
  - The System Development Life Cycle (SDLC)
  - The iterative process of management and development
3. Use tools and techniques of project management such as
  - Project selection techniques
  - Work breakdown structures.
  - Network diagrams and critical path analysis.
  - Cost estimates
  - Microsoft Project and other software to help plan and manage information technology projects.
  - Motivation and team building
4. Appreciate the importance of good project management.
  - Share his/her own examples of good and bad project management.
  - Use knowledge and skills developed in this class in other settings.
  - Analyze and develop projects in a team setting.

## Textbook and Supplementary Materials

- Schwalbe, Kathy (2019). Information Technology Project Management 9e, Course Technology, Cengage Learning. ISBN-13: 978-1-337-10135-6
- Research Paper Articles will be provided at appropriate time.

**Software:** Students should have access to the following at every course meeting:

- A bound notebook with pencil/pen for taking notes and submitting written content (e.g., pop quizzes)
  - Their campus-assigned laptop, in working order, with all required software.

Other software that may be needed:

- Free [Git](#) distributed version control system
- Free [Tortoisegit](#) for integrating Git with Windows File Explorer
- Free [PuTTY](#) for creating SSH public/private key pairs.
- Free [Bitbucket](#) and [GitHub](#) educational accounts
- Free [Notepad++](#) text editor
- Free [Visual Studio Code](#) integrated development environment
- Free account at [Typing.com](#). Typing is a foundational skill for software development.

**Note:** Refer to *Syllabus Addendum* for additional information.

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## Course Outline

Tentative Course outline and dates/major topics studied:

Week	Links	Topics (tentative dates)	Assignments
Week 01		Chapter 00- Course Syllabus Chapter-01- Introduction to Project Management	Student Agreement Quiz0 (5:00 PM)
Week 02	Articles: Ch-1&2	Chapter 1 Articles (Read at home)	
Week 03	Articles: Ch-1&2	Chapter 02	Quiz 1 Quiz 2
Week 04	Articles: Ch-3	Chapter-03- Project Management Process Groups	Quiz 3
Week 05	Articles: Ch-4	Chapter-04-Project Integration Management	Quiz 4
Week 06	Articles: Ch-5	Chapter-05-Project Scope Management Tentative Exam#1 (Chap 1-5) February 23, 2026 (12:20PM to 2:20PM)	Quiz 5
Week 07	Articles: Ch-6	Chapter 6 – Project Time Management	Quiz 6
Week 08		Spring Break	
Week 09	Articles: Ch-7	Chapter 7 – Project Cost Management	Quiz 7
Week 10	Articles: Ch-8	Chapter 8 – Project Quality Management	Quiz 8
Week 11	Articles: Ch-9	Chapter 9 – Project Human Resource Management	Quiz 9
Week 12	Articles: Ch-10	Chapter 10 – Project Communications Management Exam#2 on 3 <sup>rd</sup> of April (12:20PM to 2:20PM)	Quiz 10
Week 13	Articles: Ch-11	Chapter 11 – Project Risk Management Tentative	
Week 14	Articles: Ch-12 Articles: Ch-13	Chapter 12 – Project Procurement Management Chapter 13 – Project Stakeholder Management	
Week 15		Group Presentations_	
Week 16		Group Presentations_Final Exam on 27 <sup>th</sup> of April, 2026 (12:20PM to 2:20PM)	

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### Instructional Methods and Techniques

Instructional methods include lectures, group discussions, presentations, final projects, and interactive question and answer sessions.

### Grading and Evaluation

Assessments	Percent
2 Exams, 15% each <i>(Tentative dates, subject to change)</i> Exam#1 (23 <sup>rd</sup> of February) Exam#2 (3 <sup>rd</sup> of April)	30%
Final Exam: 27th of April	15%
Quizzes (Take home)	10%
Assignments	10%
Project + Presentation	15%
Group Discussion	15%
Attendance	5%***
Total	100%

### Grading scale

Percent Range	Grade
90-100%	A
>= 80% and < 90%	B
>= 70% and < 80%	C
>= 60% and < 70%	D
below 60%	F

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## Course Conduct Guidelines

1. Students will behave in a professional manner in all course interactions.
2. Devices including cell phones, earphones, gadgets, and other items should be silent and put away during class.
3. Unauthorized use of devices during class may result in reduction in scores.
4. Be ready to work when the class is scheduled to begin.
5. Be polite and respectful to others in the class. Do not interrupt someone during a class discussion, and respect others' opinions/comments as you expect them to respect yours.

**Academic Calendar:** <http://www.nwmissouri.edu/academics/calendar.htm>

**Final Exam Schedule:** <https://www.nwmissouri.edu/registrar/finals.htm>

**Attendance:** Attendance is very important in successfully completing this course as students will have many in-class activities. It is important for you to attend classes. Information given during class meetings is vital to earning a good grade. You are responsible for all material presented in whether you are present or not. It is the responsibility of the student to promptly notify their instructor when unable to attend.

Students are expected to be on time for each class period. Late arrivals will be counted as absences. Attendance and punctuality are basic requirements for an effective discussion and team-based course. If you cannot attend a class, it is a courtesy to inform your instructor in advance if possible. Please refer to the university policy on attendance at

<https://www.nwmissouri.edu/policies/academics/Attendance.pdf>

## Assignments/discussions and late submission policy:

Assignments/discussions will be posted at appropriate times during the semester. Assignments' /discussions' submission instructions and guidelines will be stated in each homework. Assignments/discussions are designed to illustrate concepts covered in class. Cooperating with other students, on academic course work, only where specifically authorized. Also, note that all assignments are to be done individually unless specified otherwise. In addition, you should represent your own work honestly and accurately. You may discuss with your classmates about an individual assignment, but you must do your own work in completing the assignment. Each assigned and graded activity will have a due date posted and is expected to be completed by the due date. Failure to follow these guidelines will be subject to the penalties described in the academic integrity/honesty paragraph. Late assignments will not be accepted.

For late work, exceptions can always be made for medical and compassionate reasons arranged in advance with the instructor. If there is no submission after the due date, then the student will receive a grade of zero. The course concludes at the end of the last day of classes.

## Citation Requirements

1. Cite all Sources. You must provide proper citation for any content including text, images, videos, and code that you did not personally develop.
2. Do not copy and paste content for any submissions.
3. Failing to acknowledge assistance including internet photos, clipart, slide content, course files, shared solutions, etc. can be expected to result in a 0 on the assignment, a one-half letter grade reduction, a 0 in the course, and/or a failing the course with an academic integrity violation.

**Note:** Refer to *Syllabus Addendum* for additional information.

**Disclaimer:** Course schedule is subject to change, and you will be responsible for abiding by any such changes. Your instructor will notify you of any changes.

**Exam dates & policies:** Dates for all exams will be updated on the syllabus. In case you miss an exam for a valid reason (e.g., being sick, family emergencies, university-sponsored trips), it is your responsibility to notify the instructor prior to the exam. However, I reserve the right to ask for a proof. Take home quizzes will be given at appropriate times and the exact dates will be announced posted on Canvas.

All exams are closed book, closed notes, unless explicitly noted in writing by the instructor. No calculators, cell phones, or other electronic devices can be used during exams unless explicitly allowed by the instructor.

**Academic integrity policy:** The students, faculty, and staff at Northwest endeavor to sustain an environment that values honesty in academic work, that acknowledges the authorized aid provided by and intellectual contributions of others, and that enables equitable student evaluation. Please refer to Northwest Missouri State University's Academic Integrity Policy at <http://www.nwmissouri.edu/policies/academics/Academic-Integrity.pdf>

**Digital devices & PC in classroom:** There will be no aids during exams, including calculators, pagers, text messages, and cellphones, etc. Make sure your cellphone does during exams and lectures. Distractive activities such read/write e-mails, chatting, and playing games during lectures are not allowed. This is very disruptive to me and the other students in the class, including your self-distraction from learning the material. Students are supposed to use such a technology, if needed, to improve and enhance their education but not to replace the instructor.

**Grade appeals:** You can contact your GA/TA for any questions or remarks about your work, which will be accepted up to one week after the marks have been released. However, students may discuss/view their graded work (exams, quizzes, assignments, etc.) during my office hours and within one week period. Any academic issue that has not been resolved by your GA should be forwarded to me, either verbally or by e-mail.

### Citation Requirements

1. Cite all Sources. You must provide proper citation for any content including text, images, videos, and code that you did not personally develop.
2. Do not copy and paste content for any submissions.
3. Failing to acknowledge assistance including internet photos, clipart, slide content, course files, shared solutions, etc. can be expected to result in a 0 on the assignment, a one-half letter grade reduction, a 0 in the course, and/or a failing the course with an academic integrity violation.

**A note on Artificial Intelligence (AI) Engines:** Generative AI engines, such as ChatGPT and others, are becoming important tools to help improve various professional experience and can help facilitate the learning process. Any work/assignment written, developed, created, inspired, or co-authored by artificial intelligence (AI) is not allowed, will not be tolerated, and will be considered as academic dishonesty with an implicit zero in the assignment. This is because the use of AI deflects and diverts your attention away from contributing your ideas in free and authentic ways and learning from your experiences and from each other.

**Course Evaluation:** At the end of this course, you will be encouraged to complete a course evaluation.

**Syllabus Revisions:** This syllabus is not a contract and is subject to changes to accommodate instructional and/or student needs. It is the sole responsibility of the student to maintain an updated course syllabus. However, students will be notified of any changes.

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