

CS 529 Software Project Management

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Course Overview: What you'll learn

The purpose of this course is to provide you with practical experience in the management of software development projects. In this course, you will serve as managers for teams of software engineering students in CMPSCI 320. The learning objectives of this course include understanding and applying general management skills as well as skills related to software project management.

As project managers, you will be responsible for:

1. supervising and managing the work of teams of CMPSCI 320 students.
2. serving as the team liaison with the course customer and instructor.

As a manager, your goal is for your team to produce high quality products on time. The project and deliverables and their due dates are described in detail in the CS320 Syllabus. The efficiency and effectiveness of your team can be optimized by following the management best practices presented in this course, along with your application of these practices as you see fit. You will set goals and schedules for your team, track and report team progress, negotiate with leaders of other teams and the course customer, and evaluate the work of members of the team.

Course Structure and Attendance: How you'll learn

In CMPSCI 529, you will be assigned readings in software engineering project management to provide a theoretical basis for the work in this course. But the majority of work in the course will be related to the actual management of assigned development teams. Weekly seminar style meetings will provide an opportunity to discuss current management issues that arise during the semester.

Course assignments may include: written team goals, plans and schedules; periodic reports on team progress; documentation of agreements reached with other team leaders and customers; evaluations of the applicability of theoretical papers to the work of this course (see the Moodle course page for assignments and topics).

Attendance at lectures for COMPSCI 320 is counted as part of the participation requirement for the course. The course meetings consist of one seminar of 50 minutes per week with the instructor and one discussion with the team. It is expected that teams will schedule meetings and other development related activity outside of class.

Please let me know in advance if you need to be excused attendance. Medical emergencies, religious or funerary events, university-related event (athletic event, field trip, or performance), extenuating non-academic reasons (military obligation, family illness, jury duty, automobile collision) will be accommodated with written documentation.

There is no prescribed text-book for this course. Relevant material will be posted on Moodle. In class, students will participate in activities that are designed to reinforce the concepts and techniques of project management.

Grading Policy: How you'll know you are learning

Intended Learning Outcome	Deliverable/Evidence	%
Understand and apply general management skills	See *	50
Show proficiency in report writing	Complete progress reports and submit in timely manner. Set goals and schedules for their teams, track and report team progress.	20
Team evaluation grades	Evaluations by team members.	10
Evaluate applicability of theoretical papers to the work of this course	Submit written/oral reports on assigned readings and reflections.	20

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- Presence during team meetings and seminar sessions.
- Availability for team communication.
- Communicate with TA and Instructor on team issues.
- Foster communication among team members.
- Quality of interaction with team: micromanage- laissez faire.
- Enable efficiency by removing obstacles to progress.
- Coaching, motivation, support of team.
- Make goals clear and monitor progress.
- Lead by example- provide a positive role model.
- Assign the right people to the right task.
- Exercise quality control of the deliverables produced by the team.
- Negotiate with leaders of other teams and the course customer.

You may expect the following approximate grading scale.

Highest	Lowest	Letter
100.00 %	93.00 %	A
92.99 %	90.00 %	A-
89.99 %	87.00 %	B+
86.99 %	83.00 %	B
82.99 %	80.00 %	B-
79.99 %	77.00 %	C+
76.99 %	73.00 %	C
72.99 %	70.00 %	C-
69.99 %	67.00 %	D+
66.99 %	60.00 %	D
59.99 %	0.00 %	F

Disabilities and Accommodations: How learning is accessible to you

The University of Massachusetts Amherst is committed to making reasonable, effective and appropriate accommodations to meet the needs of students with disabilities and help create a barrier-free campus. If you have a disability and require accommodations, please register with Disability Services (161 Whitmore Administration building; phone 413-545-0892) to have an accommodation letter sent to me. Information on services and materials for registering are also available on their website www.umass.edu/disability. It is my goal to provide the best possible learning experience for all students.

Inclusive Learning Statement: Why you are welcome

Your success in this class is important to me. We all learn differently and bring different strengths and needs to the class. If there are aspects of the course that prevent you from learning or make you feel excluded, please let me know as soon as possible. Together we'll develop strategies to meet both your needs and the requirements of the course. There are also a range of resources on campus, including:

- Writing Center - <http://www.umass.edu/writingcenter>
- Learning Resource Center - <http://www.umass.edu/lrc>
- Center for Counseling and Psychological Health (CCPH) - <http://www.umass.edu/counseling>
- English as a Second Language (ESL) Program - <http://www.umass.edu/esl>

Classroom conduct: Why you matter

In this course (including in COMPSCI 320), each voice in the classroom is valued. We honor UMass's commitment to embrace diverse people, ideas, and perspectives to create a vibrant learning and working environment.

You are welcome regardless of age, background, citizenship, disability, sex, education, ethnicity, family status, gender, gender identity, geographical origin, language, military experience, political views, race, religion, sexual orientation, socioeconomic status, and work experience.

This course (including COMPSCI 320) requires students to work in groups and to present material in class. As such, it is expected that all students will observe a "workplace" level of social decorum at all times when interacting with managers and peers. You are expected to treat your work in this class in a professional manner and to treat all individuals with dignity and respect. Please consult the UMass Guidelines for Classroom Civility and Respect: http://www.umass.edu/dean_students/codeofconduct/classroomcivility.

Academic Honesty: Why it matters what you do

UMass Amherst has a [Academic Honesty Policy](#) that includes cheating and plagiarism as forms of dishonesty. What is [plagiarism](#)? Generally speaking, it is any attempt to take credit for work done by another person. Yet, all scholars rely on the work of others to shape their own knowledge and interpretations.

If you have any questions about what may constitute plagiarism, please consult the [Academic Dishonesty Guide for Students](#).