

Course Syllabus

Course Information

SE 4381.501 Software Project Planning and Management
Spring 2018
Monday/Wednesday 5:30-6:45
JSOM 2.106

Professor Contact Information

Dr. Mark C. Paulk
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Office hours: Tue/Thur 1:30-2:30 or by appointment

Course Pre-requisites, Co-requisites, and/or Other Restrictions

CE/CS/SE 3354 (Software Engineering)

Course Description

Planning and managing of software development projects.
Software process models, ISO 9000, SEI's Capability Maturity Model, continuous process improvement.
Planning, scheduling, tracking, cost estimation, risk management, configuration management.

Student Learning Objectives/Outcomes

- 1) Ability to understand project management and its relationship to software engineering.
 - 2) Ability to identify the phases of project management.
 - 3) Ability to understand project scheduling techniques.
 - 4) Ability to identify risks and ways to mitigate.
 - 5) Ability to identify certifications and standards for software engineering project management.
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Required Textbooks and Materials

- E. Larson and C. Gray, Project Management: The Managerial Process, Sixth Edition, 2013. *You may use the fifth edition (including the international paperback edition.)*

Suggested Course Materials

- M.B. Chrissis, M.D. Konrad, and S. Shrum, CMMI for Development: Guidelines for Process Integration and Product Improvement, Third Edition, 2011.
 - M. Cohn, Agile Estimating and Planning, 2005.
 - E.M. Goldratt, Critical Chain, 1997.
 - W.S. Humphrey and W.R. Thomas, Reflections on Management: How to Manage Your Software Projects, Your Teams, Your Boss, and Yourself, 2010.
 - D.J. Reifer, Software War Stories: Case Studies in Software Management, 2013.
 - A Guide to the Project Management Body of Knowledge, Fifth Edition (PMBOK Guide), Project Management Institute, 2013.
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Assignments & Academic Calendar

Mon, Jan 8	Classes begin
Mon, Jan 15	MLK Day (no classes)
Mon, Feb 26	Exam #1
March 12-18	Spring Break (no classes)
Wed, April 25	Last day of class
May 1-7	Finals

Lecture sequence: see eLearning Presentations folder

Grading Policy

Quizzes:	10%
Assignments:	30% (individual + team project)
Exam #1:	30%
Exam #2:	30%

Grading Curve

97-100	A+
93-97	A
90-93	A-
87-90	B+
83-87	B
80-83	B-
77-80	C+
73-77	C
70-73	C-

67-70	D+
63-67	D
60-63	D-
under 60	F

Course & Instructor Policies

1. Make-up exams will be granted only for exceptional conditions, as approved by the instructor.
 2. There will be no extra credit work.
 3. Assignments will not be accepted late unless there are extenuating circumstances.
 4. Assignments should include the class, the assignment, and your name.
 5. File names of softcopy assignments should include the class, the assignment, and your (team) name, e.g., se4381a01jdoe.doc or se4381p01team01.
 6. If you send email to the teacher or the TA, include which class you are discussing in the email.
 7. The lowest homework grade will be dropped.
 8. The lowest quiz grade will be dropped.
 9. Assignments should be submitted through eLearning, but will also be accepted as hardcopy hand-ins.
 10. You are expected to attend class.
 11. Cell phones shall not be used in the classroom during sessions. Place them on mute. If you receive a call, leave the room.
 12. Exams are closed book; no laptops; a one-page (front and back) set of notes may be used.
 13. By CS Dept policy, missing three (3) consecutive classes results in a letter grade drop and missing four (4) consecutive classes is an automatic failure for the class.
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UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.