Course Information
SE 4381.0U1 Software Project Planning and Management
Summer 2018
Tuesday/Thursday 10:00-12:15
ECSS 2.311

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.

Required Textbooks and Materials
- E. Larson and C. Gray, Project Management: The Managerial Process, Sixth Edition, 2013.

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, Sixth Edition (PMBOK Guide), Project Management Institute, 2017.

Assignments & Academic Calendar

Tue, May 22   Classes begin
       Modern project management
       PMBOK
       Agile methods
       Defining the project (WBS)
       Estimating
Thur, June 19   Midterm Exam
Wed, July 4   Independence Day
       Developing a project plan (activity networks)
       Risk management
       Monitoring progress
       Managing project teams
       Software process improvement
Tue, July 31   Last day of class – Final Exam

Grading Policy

Quizzes: 10%
Assignments: 30% (individual + team project)
Midterm Exam: 30%
Final Exam: 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 se4381t01team1.
6. If you send email to the teacher or the TA, include which class you are discussing in the email (including the section number).
7. Excused absences are provided for serious medical issues, family emergencies, religious reasons, conferences, one-time job interviews, and at the discretion of Dr. Paulk. Quizzes may be excused; assignments may be deferred for an excused absence; students are still responsible for the material covered in class.
8. The lowest homework grade will be dropped.
9. The lowest quiz grade will be dropped.
10. Quizzes cannot be made up; excused absences result in a null grade.
11. Assignments should be submitted through eLearning, but will also be accepted as hardcopy hand-ins.
12. Cell phones shall not be used in the classroom during sessions. Place them on mute. If you receive a call, leave the room.
13. Exams are closed book; no laptops; a one-page (front and back) set of notes may be used.
14. You are expected to attend class.
15. 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.

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.