Course Information
SE 4381.0U1 Software Project Planning and Management
Summer 2016
Tuesday/Thursday 10:00-12:15
ECSN 2.120

Professor Contact Information
Dr. Mark C. Paulk
Office: ECSS 3.610
Phone: (972) 883-4839
E-mail: Mark.Paulk@utdallas.edu
Office hours: Tue/Thur 2:00-3:00 or by appointment

Course Pre-requisites, Co-requisites, and/or Other Restrictions
CE/CS/SE 5354 (Software Engineering)

Course Description
Techniques and disciplines for successful management of software projects.
Project planning and contracts.
Advanced cost estimation models.
Risk management process and activities.
Advanced scheduling techniques.
Definition, management, and optimization of software engineering processes.
Statistical process control.
Software configuration management.
Capability Maturity Model Integration (CMMI).

Student Learning Objectives/Outcomes
1) Develop Project Plan
2) Define Software Process
3) Manage Project Risk
4) Estimate Project Cost and Schedule
5) Use Network Scheduling Techniques
6) Organize and Staff Project Team
7) Assess Project/Organization Maturity Level

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.
- A Guide to the Project Management Body of Knowledge, Fifth Edition (PMBOK Guide), Project Management Institute, 2013.

Assignments & Academic Calendar

Tue, May 24	Classes begin
Mon, May 30	Memorial Day (no classes)
Tue, June 28	Exam #1
Mon, July 4	Independence Day (no classes)
Thur, Aug 4	Last day of class – Exam #2

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-
65-70	D-
under 65	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 name, e.g., se4381hw01jdoe.doc.
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.

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.