
Course Syllabus

Course Information

Course Number/Section	CS 3162.092 F16
Course Title	Professional Responsibility in Computer Science and Software Engineering
Term	Fall 2016
Days & Times	Monday & Wednesday: 4:00pm-4:50pm ECSN 2.120

Contact Information

Instructor	Dr. Stephen Perkins
Office Location	ECSS 4.702
Office Phone	(972) 883-3891
Email Address	stephen.perkins@utdallas.edu
Office Hours	Tuesday and Thursday 10:30am – 11:30am Tuesday and Thursday 1:00pm – 2:15pm and by appointment

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

CS 3345 and CS 3354 and ECS 3361. (Same as SE 3162)

Course Description

CS 3162 - Professional Responsibility in Computer Science and Software Engineering (1 semester credit hour) Professional and ethical responsibilities of computer scientists and software engineers as influenced by growth in computer use and networks. Costs and benefits of computer technology. Risks and liabilities of safety-critical systems. Social implications of the Internet. Interaction between human values and technical decisions involving computing. Intellectual Property. Global impact of computing.

Student Learning Objectives / Outcomes

After successful completion of this course, the student should have an:

- Ability to understand professional responsibilities for software professionals
- Ability to understand ethical issues in computer science & software engineering
- Ability to understand legal concerns during the software lifecycle
- Ability to understand social issues and responsibilities of computing
- Ability to analyze the local and global impact of computing

Textbooks and Materials

Required Texts

A Gift of Fire: Social, Legal, and Ethical Issues for Computing Technology, 4th edition, by Sara Baase, Pearson Education (US), ISBN 978-0132492676.

Assignments & Academic Calendar

Class	Date	Class Activity	Assignments
1	Monday, Oct 17	Course Introduction – is software good or bad?	Confirm access to eLearning Confirm Comet Cards
2	Wednesday, Oct 19	Chapter 1	
3	Monday, Oct 24	Chapter 9 Census Day for 2nd 8-week session Last day to drop without a “W”	
4	Wednesday, Oct 26	Chapter 2	
5	Monday, Oct 31	Chapter 4	
6	Wednesday, Nov 2	Chapter 5	
7	Monday, Nov 7	Chapter 6 (brief), Chapter 7 (brief)	
8	Wednesday, Nov 9	Project Info and Project Recording	
9	Monday, Nov 14	Chapter 8	
10	Wednesday, Nov 16	TED Talk day	
	November 21-25	Thanksgiving fall break – no classes	
11	Monday, Nov 28	Group Project Presentations	
12	Wednesday, Nov 30	Group Project Presentations	
13	Monday, Dec 5	Group Project Presentations	
14	Wed, Dec 7	Group Project Presentations Last day of the class Final Grades viewable by Dec 16 th	

Grading Policy

Projects and exams determine grades. The final grade will be composed as follows:

Attendance	15%
Homework	50%
Discussion	10%
Project	25%

Letter grades will be assigned as follows:

97-100	A+
93-96	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
Below 60	F.

Course & Instructor Policies

Class Attendance

Class attendance is required. There is a strong and direct correlation between class attendance and class performance. Students who regularly attend class tend to make significantly higher final grades than those who do not. The department attendance policy states:

- ***Three consecutive absences lead to a one letter grade drop***
- ***Four consecutive absences lead to an F***

An attendance sheet will be sent around the room each class. You will be considered absent if you have not signed the attendance sheet by ten minutes after the scheduled start time of the class. Instructors are required to report those students who miss too many classes.

Extra Credit

Course credit is only given for work assigned and scheduled in the course syllabus. No extra work will be assigned nor will extra credit be given for any extra work performed by a student.

Late Work

Late assignments will not be accepted. Assignments are due by the date and time listed in the write-up or in the syllabus.

Make-up exams

Make-up examinations will be administered **only for well-documented emergencies**. A student must make every attempt possible, via telephone and email, to notify the instructor that he/she will miss a scheduled quiz or exam. This must be done prior to the scheduled date and time if possible. See the **UT Dallas Syllabus Policies and Procedures** section below for the policy regarding religious holy days.

Grade Disputes

All grade disputes must be discussed & resolved by the student with the instructor within one week of posting.

Classroom Citizenship

Students are expected to be respectful to each other and to the course instructor. Disruptive behavior in the class room is not tolerated.

Each student in the class is encouraged to join/form a study group. Members of each study group should support one another in learning and understanding the course material.

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

“As a Comet, I pledge honesty, integrity, and service in all that I do.”

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. It is included here by reference.

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 Instructor. The rules for grading can change at the instructor's discretion.