
Course Syllabus

Course Information

Course Number/Section	CS/SE 3162.091
Course Title	Professional Responsibility in Computer Science and Software Engineering
Term	Spring 2023
Days & Times	Tuesdays & Thursdays: 9:00am - 9:50am

Contact Information

Instructor	Dr. Vidroha Debroy
Email Address	vx024000@utdallas.edu
Office Hours	Tuesdays and Thursdays by appointment (typically after class)

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

CS 3345 and CS 3354

UTD Community Health Information

The following link provides resources and information on infectious diseases, travel warnings, and healthy behaviors you can practice to keep yourself and others healthy –
<https://www.utdallas.edu/community-health/>

Should such situations affect your attendance of the course, or timeline for finishing the assignments, please reach out to me as early as possible.

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
- Ability to understand security issues and responsibilities

Textbooks and Materials

Suggested Text

A Gift of Fire: Social, Legal, and Ethical Issues for Computing Technology, 5th edition, by Sara Baase, Pearson Education (US), ISBN 13:978-0-13-461527-1.

Grading Policy

The final grade will be composed as follows (we do not have exams in this class):

Attendance	15%	
Homework	40%	[All homework assignments are to be completed individually]
Participation	15%	
Project	30%	[The project will be a group project]

Letter grades will be assigned as follows:

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

Course & Instructor Policies

Class Attendance

Class attendance is required and will be documented. 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. We will follow UTD/Departmental guidelines for attendance: <https://cs.utdallas.edu/education/undergraduate/attendance-policy/>

At the discretion of the instructor, attendance for certain classes may be counted via eLearning. However, typically an attendance sheet will be sent around the room each class. You will be considered absent if you have not signed the sheet by ten minutes after the scheduled start time of the class.

Course Modality

Our official course modality is *in-person* and thus, we are expected to meet regularly in our designated classroom. The course is not available remotely and recordings are not taken for asynchronous viewing. That said there will be certain sessions where a pre-recorded video will be provided, or a student-group activity will occur in lieu of an in-person meeting. These sessions will take place at the instructor's discretion and will be announced a minimum of 1 class period in advance, and attendance will be measured via eLearning as stated above.

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; they are due by the date/time listed in the write-up.

Grade Disputes

All grade disputes must be discussed 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 instructor. Disruptive behavior in the class room is not tolerated. Computers are allowed only for note-taking and class-related activities.

Class Materials

The instructor may provide class materials that will be made available to all students registered for this class as they are intended to supplement the classroom experience. These materials may be downloaded during the course, however, these materials are for registered students' use only. Classroom materials may not be reproduced or shared with those not in class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the Student Code of Conduct.

Class Participation

Regular class participation is expected regardless of course modality. Students who fail to participate in class regularly are inviting scholastic difficulty. A portion of the grade for this course is directly tied to your participation in this class. It also includes engaging in group or other activities during class that solicit your feedback on homework assignments, readings, or materials covered in the lectures (and/or labs). Class participation is documented by faculty. Successful participation is defined as consistently adhering to University requirements, as presented in this syllabus. Failure to comply with these University requirements is a violation of the Student Code of Conduct.

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 course timeline shall follow the Official Academic Calendar for Spring 2023:
<https://www.utdallas.edu/academics/calendar/>

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.