CS 1200 Intro to Computer Science and Software Engineering
Fall 23 Course Syllabus

Course Description

Introduction to the computing professions; overview of CS, SE curricula, connections with Computer Engineering, other ECS fields and Arts and Technology programs; problem solving and other skills needed to succeed as a CS, SE major. Introduction to quantitative methods; team projects designed to replicate decision processes and problem solving in real-world situations; additional preparatory topics for CS, SE majors.

Course Information

Course Title: Introduction to Computer Science and Software Engineering
Course Number/Section: CS 1200 Sections 001, 003, 006 & 011
Number of Hours: 2
Term: Fall 2023
Time and Location: **Section 001:** Monday and Wednesday 1:00-1:50PM in SCI 1.210
Section 0L1: Monday and Wednesday 2:00-2:50PM in SCI 1.210
Section 003: Monday and Wednesday 3:00-3:50PM in SCI 1.210
Section 006: Monday and Wednesday 4:00-4:50PM in GR 3.420

Instructor's Contact Information

Name: Dr. Michael Christiansen
Email: michael.christiansen@utdallas.edu
NetID: mgc013000
Office: ECSS 4.201
Office Hours: Tuesday and Thursday 2:30-3:30PM
and any time I am available via MS Teams.

Grader Contact Information

Course	Name	Email
1200.001	Vrushali Purushottam Gajare	vxg220058@utdallas.edu
1200.001	Sai Anuhya Kondubhatla	SXK210224@utdallas.edu
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1200.006	Vrushali Purushottam Gajare	vxg220058@utdallas.edu
1200.006	Sai Anuhya Kondubhatla	SXK210224@utdallas.edu

Academic Calendar

- Classes Start: 8/21
- Last Day of Class: 12/7
- Midterm Exam: Oct 9-12 in the UTD Testing Center. The Midterm Exam is 60 Min. A study guide will be provided.
- Final Exam: Dec 9-13 in the UTD Testing Center. The Final Exam is 60 Min. A study guide will be provided.

See the official UTD calendar for university holidays and closings here.

Notice: The testing center requires that students reserve a seat on the exam dates through the UTD Testing Center site here. There will be no opportunity to take exams outside of the assigned dates. Reserve seats for both the Midterm and Final Exams ASAP.

Course Pre-requisites

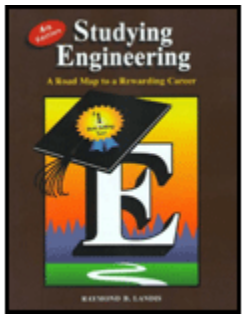
This course is taken by all computer science freshmen during their first semester.

Student Learning Goals

Upon completion of this course, students will have:

1. Awareness of the areas within CS & SE and curricula at UTD.
2. Understanding of basic logical thinking and problem solving.
3. Capability of high-level solution design for simple algorithms.
4. Ability to work with teams.

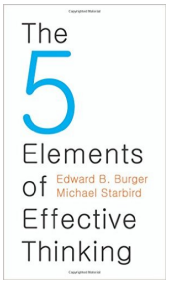
Required Textbook



Studying Engineering, by Raymond B. Landis
ISBN 978-0-9793487-4-7

Any edition will work for the course.

Suggested Textbook



The 5 Elements of Effective Thinking by Edward B. Burger

Princeton University, ISBN-10: 0691156662

The course eLearning site contains all announcements, slides, assignments, and other materials.

Grading Policy

Final grades are determined from a combination of the following percentages:

Team Projects	30 %
Homework Assignments	10 %
Class Attendance	5%
Midterm Exam	25 %
Final Exam	30 %

- **No bonus work, make-up work, dropped scores, or other means of raising your grade will be provided.**

Undergraduate Grade Ranges and GPA Points

	Score	Letter Grade	GPA
A+	X ≥ 97	A+	4.00
A Excellent	93 ≥ X < 97	A	4.00
A-	90 ≥ X < 93	A-	3.67
B+	87 ≥ X < 90	B+	3.33
B Good	83 ≥ X < 87	B	3.00
B-	80 ≥ X < 83	B-	2.67
C+	77 ≥ X < 80	C+	2.33
C Fair	73 ≥ X < 77	C	2.00
C-	70 ≥ X < 73	C-	1.67
D+	67 ≥ X < 70	D+	1.33
D Poor	63 ≥ X < 67	D	1.00
D-	60 ≥ X < 63	D-	0.67
F Failure	< 60	F	0.00

Attendance Policy

University and department policy is students attend live, face to face lectures and to record attendance when possible. My policy is to record attendance for live lectures only. This is accomplished by circulating an attendance sheet for each class meeting. It is the responsibility of each student to ensure that their attendance is recorded during the lecture only.

Cheating the process (e.g., having a friend sign-in for you) will be reported to the university.

It is understood that some lectures may be missed for valid reasons e.g., sickness. But the course policy stands, attendance is only counted for signed roll sheets. To offset this inequity, each student receives an additional point to their final course grade. This extra point will more than offset the penalty of missing a few days throughout the semester.

Classroom Policy

Students are encouraged to attend live lectures in accordance with university policy.

Students will be required to interact with their assigned project teams regardless of their schedule, locality, or status as an asynchronous student.

The materials in this syllabus are subject to change at the professor's discretion.