

Introduction to Computer Science and Software Engineering

Course Syllabus

Course Information

Course Title	Introduction to Computer Science and Software Engineering
Course Number/Section	CS 1200 Sections 002, 003, 004, 005
Number of Hours	2
Term	Fall 2019
Time and Location	Section 002: Mon & Wends 1:00-1:50 @ CB3 1.302 Section 003: Mon & Wends 2:00-2:50 @ CB3 1.302 Section 004: Mon & Wends 3:00-3:50 @ CB3 1.302 Section 005: Mon & Wends 4:00-4:50 @ CB3 1.302

Professor Contact Information

Name:	Dr. Michael Christiansen
Office Phone:	972 883 6906 <u>Note: email is only method of leaving messages</u>
Email:	michael.christiansen@utdallas.edu
Office:	ECSS 4.201
Office Hours:	Monday & Wednesday 11:30 - 12:30 and by appointment.

Course Pre-requisites

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

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.

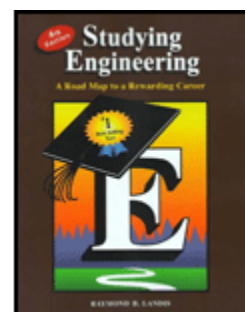
Student Learning Outcomes

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.

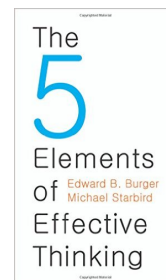
Suggested Textbook

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



Suggested Textbook

The 5 Elements of Effective Thinking by Edward B. Burger
Princeton University, ISBN-10: 0691156662



Important Dates

- Classes Start: 8/19
- Last Day of Class: 12/5
- Midterm Exam: 10/2 During Normal Class
- Final Exam: Tuesday 12/4 (Last Day of Class).

See the official UTD calendar for university holidays and closings [here](#).

Grading Policy

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

- Attendance 5%
 - Homework 25%
 - Midterm Exam 20%
 - Final Exam 20%
 - Team Project 30%
- **No bonus work, make-up work, dropped scores, or alternative method of raising your grade will be provided.**

Classroom Policies

Laptop and phone usage will not be allowed during class without written proof for medical reasons. Phones can be used to take pictures.

Students that miss four consecutive classes will fail the course.

Students that miss three consecutive classes will have their final grade reduced by one letter grade for every infraction.

Attendance will be taken and verified for every class meeting. If cheating on the roll is discovered, students will be reported for academic dishonesty.

University policies can be found by visiting <http://go.utdallas.edu/syllabus-policies>.
The materials in this syllabus are subject to change at the professor's discretion.