

Introduction to Computer Science and Software Engineering Course Syllabus

Course Information

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| Course Title | Introduction to Computer Science and Software Engineering |
| Course Number/Section | CS 1200.002 |
| Number of Hours | 2 |
| Term | Fall 2016 |
| Time and Location | Mon & Wends 1:00-1:50 @ Residence Hall West 3.100 |

Professor Contact Information

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| Name: | Dr. Michael Christiansen |
| Office Phone: | 972 883 6909 <u>Note: email is only method of leaving messages</u> |
| Email: | michael.christiansen@utdallas.edu |
| Office: | ECSS 4.201 |
| Office Hours: | Tuesday and Thursday 1:00 - 2:00 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.

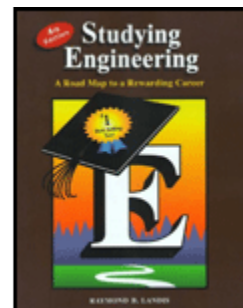
Student Learning Objectives / Outcomes

Upon completion of this course, students will have:

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

Required Textbook

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



Teaching Assistant Information

Name: TBD
Office: TBD
Office Hours: TBD
Email Address: TBD

Important Dates

- Classes Start: 8/22
- Last Day of Class: 12/7
- Midterm Exam: TBD
- Final Exam: TBD

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 Projects 30%
- **No bonus work, make-up work, dropped scores, or alternative method of raising your grade will be provided.**

Department Classroom Policy

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, e.g. a student signing for another, there will be no credit given to the class for that day's attendance.

Laptop and phone usage will not be allowed during class.

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.