CS 101: Computer Science Seminar
Fall 2018
Tuesday 12:00

Instructor Information

Name: S. Seth Long, Ph.D
Office: MLH 216
Email: sslong@lcsc.edu
Office Hours: Monday 1:30-2:30, Thursday 9:30-10:30
Course Website: `http://isoptera.lcsc.edu/~seth/cs101`

Course Goals

This class is intended to introduce students to the computer science profession. This includes current issues in computer science, emerging fields such as bioinformatics, and important skills regarding communication of technical information. Upon conclusion of the class, students should have a broad understanding of the field of computer science.

Textbook

"Virtual Unreality", by Charles Seife

Grading

Your grade will be calculated based on the following items:

Item	Percentage of grade
Assignments	30%
Participation	20%
Presentation	30%
Book Report	20%

Grades will be assigned according to a standard curve, that is:

A: 90% +
B: 80%- 90%
C: 70%- 80%
D: 60%- 70%
F: less than 60%

Use of + or - grades (such as B+ or A-) and curves will be at the instructor's discretion.

Deadlines and late work

Late work will not be accepted, except in unusual circumstances by instructor discretion. However, partial credit will be given for partially-completed work. It is better to turn in an unfinished assignment for partial credit than to not turn in something on time and receive a 0.

Attendance

Attendance will not be taken in this class except as required for fiancial aid purposes. However, all material presented during lecture is "fair game" for the midterm and final, and information which is useful to complete projects may be given at any time. Therefore I recommend that you always attend class.

Fall 2018 CS101	
Week	**Course Content**
Aug 20	Course Introduction, Computer Science
Aug 27	Fractals
Sep 3	Bioinformatics
Sep 10	Machine Learning
Sep 17	Networks
Sep 24	OpenGL: Drawing
Oct 1	OpenGL: Loading a file
Oct 8	Presentations 1
Oct 15	Presentations 2
Oct 22	Presentations 3
Oct 29	Presentations 4
Nov 5	Presentations 5
Nov 12	Presentations 6 or mystery topic
Nov 19	Thanksgiving Break
Nov 26	Book report due, LaTeXand GraphViz
Dec 3	Discuss the book, Mystery Topic
Dec 10	No class (Final's Week)