CSE 001   BREADTH OF COMPUTING
Fall 2018   •   Section 010   •   Professor Daniel Lopresti
2:35 pm – 3:50 pm TuTh   •   Building C 210

Syllabus

Description

This course provides an introduction to the field of computer science. CSE 001 is intended to introduce a breadth of topics from the computer science curriculum. Students will develop a high level understanding of the operation of computer hardware, software, networks, and systems. Topics will include introductions to designing websites, writing computer programs, computer architecture, operating systems, computer networks, databases, security, privacy, and social, ethical, and professional issues. We will also study the history of computing.

In addition to a breadth of topics from the computer science curriculum, this course provides first steps toward the development of programming skills using JavaScript and HTML.

The course is intended for students who plan to take further courses in Computer Science (i.e., CSE 002, which can be taken concurrently, and CSE 017, the next course in the computer science sequence), and for those who want to gain understanding about the breadth of computer science topics as part of a general education. No prior experience with computer programming is assumed. There are no prerequisites. This course is not open to students who have credit for CSE 012, CSE 015 or ENGR 097 (now ENGR 010).

Instructor

Professor Daniel Lopresti
Email dal9@lehigh.edu   ~   Ext 85782
Office Hours 2:00 pm – 4:00 pm on Wednesdays (or by appointment) in Building C 215

Teaching Assistant

Eashan Adhikarla
Email eaa418@lehigh.edu
Office Hours 4:15 pm – 5:30 pm on Thursdays and Fridays in SunLab (PL 122)

Other Assistants

[1] Office hours held in SunLab (PL 122)   [2] Office hours held in Sandbox Lab (PL 112)

Role	Name	Email	Office Hours
Grader	Trevor Aschmies	tja221@lehigh.edu	[1]4:15-5:30 M
Grader, Social Media Guru	Sydney Becker	shb220@lehigh.edu	[1]2-3 W
Lab Developer	Sarah Botwinick	scb219@lehigh.edu	
Grader	Conor O'Grady	cmo220@lehigh.edu	[2]11-1 F
Lab Assistant	Lydia Cornwell	lac221@lehigh.edu	
Grader	Carly Cozzolino	cmc220@lehigh.edu	[1]1-2 M, [1]3-4 W
Grader	Jordan Goodness	jlg520@lehigh.edu	
Grader	Alex Johnson	apj219@lehigh.edu	[1]1-2 Tu, 12:30-1:30 F
Grader	Alex Karlson	ajk221@lehigh.edu	[1]4:30-5:30 Tu
Grader, Social Media Guru	Lucy Tesman	lrt221@lehigh.edu	[1]6-7 W
Grader, Lab Assistant, Lab Developer	Srimitha Srinivasan	srs521@lehigh.edu	[1]3:15-5:30 W, [1]4:15-5:30 Th

Texts	*Understanding the Digital World: What You Need to Know about Computers, the Internet, Privacy, and Security* by Brian Kernighan, Princeton University Press

Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics by Jennifer Niederst Robbins, O'Reilly Media

CourseSite Grading	Course materials and discussion forums will be available @ http://coursesite.lehigh.edu/

- Participation (in-class and online) 5%
- Homework assignments (10) 20%
- Lab assignments (10) 20%
- In-class quizzes (3) 30%
- Take-home final exam 25%

Homework Policy

All aspects of homework assignments will be handled via CourseSite. The following is our due date policy:

- No late penalty if submitted by the deadline on the due date.
- Homework submitted after this deadline but less than 24 hours late will lose 10 points.
- Homework submitted more than 24 hours but less than 48 hours late will lose 20 points.
- Homework submitted later than this will not be graded and will receive a zero.

This strict policy enables the course to be fair to all students, and for homework to be returned early enough for you to use the feedback to prepare for exams. No exceptions will be made.

CourseSite enforces strict deadlines, so please verify that your work has actually been uploaded (forgetting to click "Submit" is a frequent error). Failure to upload successfully is not a valid excuse for late work. HTML/JavaScript programs may be written on any computer, but will be evaluated using the Firefox 30.0 (or newer) browser. Work can be done using any computer system, including Macs, PCs running Windows, PCs running Linux, and the machines in our lab (which run Linux).

Students are advised to back up their files to the university-supported H drive, a USB drive, cloud service, and/or an external hard disk on a regular basis. Because the H drive is easily accessible as a backup, failure of one's personal machine is not an acceptable excuse for late work. There are numerous university and departmental labs available to you as an alternative if your personal machine should fail.

Labs

Labs will be held in our regular classroom, Building C 210. I will announce lab days ahead of time. There will be student lab assistants, the TA, and the instructor to help you during lab. Lab submissions will be due by 4:00 pm on the day following the lab.

Quizzes and Final Exam

There will be three in-class quizzes and a comprehensive take-home final exam. They will be based on the material covered in lectures, labs, and the assigned readings. Makeups will be considered only for extreme circumstances. Any make-up requests will be handled on a case-by-case basis, with no guarantees, and will require evidence of your hardship.

Collaboration Policy

I allow collaboration during labs. All homework and programming assignments, unless explicitly stated in the problem definition, are to be an individual effort. You are encouraged to discuss assignments with one another, your friends, and with the instructor and graders for the course. Indeed, this may be the most effective method of learning. You may share concepts, approaches, and strategies for producing a solution. However, all work submitted in your name must be your own. You may not copy code in whole or in part from another

student or from a website. Violations will be considered as cases of academic dishonesty and referred to the University Committee on Discipline. If you are found guilty, you may be given the failing grade WF in the course. For examples of what is and is not okay, refer to the "Improper Collaboration Policy" statement at:
http://www.cse.lehigh.edu/~brian/course/2013/cunix/cheating.html

If any aspect of this policy is not clear to you, do not make assumptions; consult with the instructor.

Students with Disabilities If you have a disability for which you are or may be requesting accommodations, please contact both your instructor and the Office of Academic Support Services, Williams Hall, Suite 301 (610-758-4152) as early as possible in the semester.
You must have documentation from the Academic Support Services office before accommodations can be granted.

Principles of Our Equitable Community Lehigh University endorses The Principles of Our Equitable Community. We expect each member of this class to acknowledge and practice these Principles. Respect for each other and for differing viewpoints is a vital component of the learning environment inside and outside the classroom.