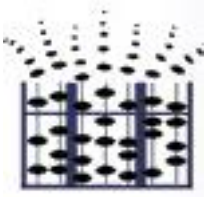

CIS 211: Introduction to Computer Science II

Syllabus

Winter 2016

Objectives

The primary objective of this course is to continue developing your understanding of basic computer science concepts. We will continue where CIS 210 ended and then move on to new topics, including object-oriented programming, graphical user interfaces, and computer simulation.

CIS 211 is a required course for CIS majors, who are strongly advised to have completed or be currently enrolled in Math 232.

Information

Instructor:	John Conery 313 Pacific 346-8870	
GTFs:	Jeremy Sigrist 237 Deschutes 346-1386	Ryan Leonard 239 Deschutes 346-4436
E-mail:	`cis-211help@cs.uoregon.edu`	
Textbook:	*Python Programming in Context*, by Bradley N. Miller and David L. Ranum.	
Lectures:	MWF 1:00 – 1:50, 240C McKenzie	
Labs: *(26 Kla)*	Mon 16:00 – 16:50 Tue 18:00 – 18:50	Tue 10:00 – 10:50 Thu 11:00 – 11:50

Web Sites

The page at the CIS department (`https://www.cs.uoregon.edu/Classes/16W/cis211`) is an online syllabus with all the basic course information.

We will use Piazza (`https://piazza.com`) as the class forum. Earn extra credit by asking questions, answering questions, and contributing to the discussion.

Download project descriptions, submit completed projects, check your grades, and find lecture notes at the class page on Canvas (`https://canvas.uoregon.edu`).

Exams

Midterm: Friday, Feb 12 (in class).

Final: Tuesday, Mar 15, 14:45 – 16:45 (in the same room as the lectures).

Projects

There will be eight programming assignments, roughly one every week. The programs will all be written in Python.

This term we will be using Jupyter (IPython Notebooks) for projects. You can either install a notebook server on your own computer or use computers in the UO Computer Center microcomputer lab in Klamath B26.

Documentation: Part of your grade for programming projects will be based on documentation, both in the form of markdown cells in project notebooks and comments in your Python programs. See the FAQ section of the class web page on Canvas for guidelines and examples.

No Pair Programming: Unless there is a notice on a project description that says otherwise there will be no pair programming projects this term. We are considering allowing pair programming for one or two projects in the middle of the term, but until you see a notice saying pair programming is allowed assume you need to do your own work.

Policy for Late Work: Projects submitted within 48 hours of the due date will be graded with a 20% penalty. After 48 hours projects can be submitted via e-mail to `211-help@cs.uoregon.edu` to be considered for potential extra credit (see below).

Extra Credit

You can earn extra credit by doing optional parts of the programming projects (most projects will include a list of suggestions for how to do additional projects). Exams will also have extra credit problems.

Another way to earn credit for class participation is to contribute to discussions on Piazza: start a discussion, answer questions posted by other students, *etc.*

For more information see the FAQ section of the class web page on Canvas.

Pre-Class Reading Assignments

Throughout the term we will announce (via Canvas) a pre-class reading assignment. At the beginning of the next lecture a question based on the reading will be displayed on the screen. You will have five minutes to discuss the question in small groups and then e-mail your answer to `211-help@cs.uoregon.edu`.

Each group should submit just one message, and the message should include the names of everyone in the group. Group members will receive the same number of points. Points earned on these questions will be applied toward course grades.

Grading

Programming Projects:	40%
Midterm Exam:	20%
Final Exam:	30%
Extra Credit:	5%
Pre-Class Reading:	5%

CIS majors must take CIS 211 graded; others may take it graded or P/NP.

Academic Honesty

Academic honesty is expected and cases of suspected dishonesty will be handled according to university policy. In particular, copying someone else's work (including material found on the web) will not be tolerated. If solutions to assignments are obtained from outside sources, the source must be cited.

You are also responsible for protecting your work. That is, you must take reasonable precautions to prevent your work from being copied. This means that if you store your assignment solutions on a shared server, the file permissions must be set to keep others from accessing your files. If you are working on assignments in the lab, you must remove any of your files on the lab machine before you leave.