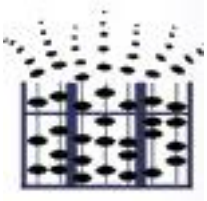

CIS 211: Introduction to Computer Science II

Syllabus

Spring 2017

Objectives

The primary goal for this course is to introduce students to basic computer science concepts. We will continue where CIS 210 left off, 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	Brian Gravelle 231 Deschutes 346-1484
E-mail:	`cis211-help@cs.uoregon.edu`	
Textbook:	*Python Programming in Context*, by Bradley N. Miller and David L. Ranum.	
Lectures:	MWF 11:00 – 11:50, 129 McKenzie	
Labs: *(26 Kla)*	Tue 10:00 – 10:50 Tue 14:00 – 14:50	Tue 13:00 – 13:50 Wed 12:00 – 12:50

Web Sites

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

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

Exams

Midterm: Wednesday, May 10 (in class).

Final: Wednesday, June 14, 10:15 – 12:15 (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 at the end 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 `cis211-extra@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.

Retrieval Practice

During the last five minutes of most lectures we will post a short question on the screen. You will have five minutes to discuss the question in small groups. Submit your answer on paper (bring it to the front of the room) or by e-mail to `cis211-rp@cs.uoregon.edu` (e-mail must be received no later than 10 minutes after the class ends).

Each group should submit just one answer, and the answer should include the names of everyone in the group. Submissions will be used to compute course grades.

Grading

Final grades will be determined using the weights in this table:

Programming Projects:		45%
`hello`	2%	
`crypto`	5%	
`planets`	5%	
`orbits`	6%	
`tk`	4%	
`gui`	8%	
`sqlite`	7%	
`biome`	8%	
Extra Credit:		3%
Retrieval Practice:		2%
Midterm Exam:		20%
Final Exam:		30%

Note: Canvas assumes each project is weighted equally, so the course total column in the gradebook on Canvas will not have accurate scores. We will e-mail an "audit report" showing actual scores before each exam.

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. You must take reasonable precautions to prevent your work from being copied. If you are working on assignments in the lab, you must remove any of your files on the lab machine before you leave.