

# CIS4930

## Python Programming

MW, 11:00 - 12:15, LOV 103

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Office Location: Love 205A

Office Hours: F 10:00 – 1:00 or by appointment.

Please note: Except for changes that substantially affect implementation of the grading statement, this syllabus is a guide for the course and is subject to change with advance notice.

**Course Description:** This course is an intermediate-level course in Python. Students are expected to be comfortable with the programming material that is taught in COP3330. Topics covered will include lectures on the Python language and development environment as well as coverage of some select Python modules that demonstrate the versatility of the Python language.

**Prerequisite(s):** COP3330 or an equivalent course. You should either be registered in the Data Structures course or have already taken it. Come and talk to me if you do not have the prerequisite and you still want to take the course. You should be able to program in C++.

**Credit Hours:** 3

**Grade Distribution:**

Programming Projects	40%
Group Project	20%
Midterm	20%
Final Exam	20%

We will be using a standard grade distribution scale where a final grade  $\geq 93.0$  is an A, a final grade  $\geq 90.0$  is an A-, and so on.

## Course Policies:

- **Grading**

To receive a passing grade for the overall course, you must earn a passing on the projects (C- or better on average) and receive a combined passing grade according to the weight distribution shown in the table above.

- **Exams**

This course includes two exams. The second exam will be cumulative. Exam dates will be announced well ahead of time. If you are absent during an exam, you will receive a grade of 0 unless your absence has been cleared with me beforehand. In the case of extreme circumstances beyond your control, you must come talk to me about the possibility of making up the missed exam.

- **Projects and Assignments**

All assignments are mandatory and part of the final grade. There will be multiple programming projects in this course. You are expected to work individually on the projects. Projects that are submitted beyond the due date will be penalized 10% for each day that they are late for a maximum of two days. Your integrity as a student is taken very seriously in this course. Absolutely no cheating will be allowed. Be aware that “working a little too closely” is not a valid excuse and students who intend to help other students may be subjecting themselves to penalties for cheating. If you are having trouble with a project, you need to come see me or the TAs. We will gladly give you as much help as you need. All submissions will be checked with plagiarism detection software. The penalty for cheating will be a 0 on the submitted assignment and a half-letter grade deduction from your final grade.

- **Group Project**

The course project is a semester-long project which will be assigned towards the beginning of the course. Students must work in groups of 3 or more. Students will be required to submit a proposal in the beginning of the semester, but the topic choice is completely open-ended. All course/project work will be done using a repository. We will closely monitor your individual contributions to the project. Your grade for the project will be based on:

1. Overall functionality.
2. Whether all of the requirements of the original proposal were met.
3. The size and quality of your individual contribution to the project.
4. Overall quality of code. (PEP8, code organization, coverage, complexity, test system, build system, documentation).

You are also expected to present a short demonstration of your project for the class at the end of the semester.

- **Attendance and Absences**

Attendance is vital to your success in this class. For that reason, attendance is mandatory. If you are absent for any reason, you will still be responsible for any material covered on days you have missed. Accommodations may be made for excused absences. Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness. If you are unsure whether your absence is excused or not, please come talk to me beforehand. As usual, first day attendance will be recorded and students who are absent will be dropped from the course as indicated by the university's First Day Attendance policy.

### **Academic Honor Policy**

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to "... be honest and truthful and ... [to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at <http://fda.fsu.edu/Academics/Academic-Honor-Policy>.)

### **ADA**

Students with disabilities needing academic accommodation should:

- (1) register with and provide documentation to the Student Disability Resource Center; and
- (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center  
97 Woodward Avenue, South  
108 Student Services Building  
Florida State University  
Tallahassee, FL 32306-4167  
(850) 644-9566 (voice)  
(850) 644-8504 (TDD)  
[sdrc@admin.fsu.edu](mailto:sdrc@admin.fsu.edu)  
<http://www.disabilitycenter.fsu.edu/>