

Python scripting

Ling 572

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1 Goals

The primary goal of the course is to acquaint students with the basics of the Python programming language and to introduce them to some of the many tools available for data collection and data analysis.

2 Practice

The course will not have any required texts, relying on line materials designed both by the instructor and others. But for those desiring a backup text, *Python for Dummies* (Stef Maruch and Aahz Maruch) is optional and recommended.

There will be weekly assignments and several inclass quizzes, a midterm, and a final project.

3 Learning Outcomes

1. Read a simple python program and then describe what it does, and what resources are required to do it;

- Plus Every problem attempted, effort on all problems, commented code. Even if the answers to some are wrong or give incorrect results, effort has been made and code has been tested. If something doesn't work, comments explain what happens.
- Check Very little or no effort made for at least one problem, code has very obviously not been tested, or code is uncommented.
- Minus No effort made on at least half the problem set, or problem set not turned in.

To get a C in this class, you must earn a Plus on the majority of the assignments. Three Minus scores are a cause for concern and will require a meeting with the instructor. Late assignments will be graded according to the lateness policy, as solutions will be posted immediately.

7 Late Assignments

The general structure of the course is not well-suited to late assignments or missed quizzes. Assignment solutions will be discussed in detail on the day they are turned in, and thus students who turn assignments in late will be at an advantage. Quizzes are designed to test understanding of foundation needed for further work, and without those foundations, progress will be slowed. However, to allow for some flexibility, late assignments will receive partial credit. Here is the lateness policy:

1. Up to one week late: 50% credit for assignment (this basically turns a Plus into a Check, and a Check into a Minus). Late assignments must include all problems for which solutions have not been posted in order to receive any credit at all.
2. More than one week late: not accepted

8 Attendance

Attendance is not a formal part of your grade.

