This course introduces programming in Python, a high-level programming language used in the physical and social sciences and for Internet scripting. Students learn programming and documentation skills, as well as algorithmic problem-solving, coding, and debugging methodologies. Students write programs to solve sample problems drawn from a wide range of disciplines, primarily in the sciences. No prior programming experience is required, but a mathematics background at the pre-calculus level is assumed. We will be using Python version 3.4.2, the most recent incarnation of the Python programming language.

Class Meetings: Kresge 321. MWF 11:00-12:10

Instructor: Theresa Migler-VonDollen, tmiglerv@ucsc.edu

Office Hours: M: 1:00-2:00 and W 12:20-1:10, E2 - 247B

Teaching Assistants: Aaron Springer - alspring@ucsc.edu - F: 9-11am (Soc Sci - Mac Lab)
Christopher Pioli - cpioli@ucsc.edu - F: 1-3pm (BE-312C/D)

Discussion Sections:
M: 1-2pm (Soc Sci I PC - Room 135)
M: 4:30-5:30pm (Ming Ong PC - Merrill Room 103)
T: 11am-12pm (Ming Ong PC - Merrill Room 103)
W: 9-10am (Soc Sci - Mac Lab)
W: 8-10pm (Soc Sci I PC - Room 135)
F: 10-11am (Ming Ong PC - Merrill Room 103)


Grade Policy:
- Programming Assignments 30%
- Quizzes 40%
- Final 30%

Homework and Quizzes:
There will be homework assigned every week. The homework will help you with the conceptual topics in the course. Homework will not be collected. There will be a quiz every other Friday drawn directly from homework problems. Your lowest quiz score will be dropped. There will be no make-up quizzes.

Programming Assignments:
There will be programming assignments of varying difficulty due at irregular intervals throughout the quarter. These assignments will be submitted via eCommons. Programming assignments will not be accepted via email for any reason.

Students with Disabilities: If you qualify for classroom accommodations because of a disability, please submit your Accommodation Authorization from the Disability Resource Center (DRC) to the professor in a timely manner, preferably within the first two weeks of the quarter. Contact DRC at 459-2089 V, 459-4806 TTY, http://drc.ucsc.edu/.
**Academic integrity**: You are welcome to study and collaborate with other students in the course. However, all programming assignment submissions must be completed individually. You may not copy, paste, email, transfer or in any way share program source code. No form of academic dishonesty will be tolerated. Incidents of academic dishonesty will be reported according to the UCSC policy on academic integrity, the full details of which can be found at

http://undergraduate.ucsc.edu/academic-integrity/index.html

**Important Dates:**

Final .......................... Friday, March 20, 12-3pm