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: Classroom Unit 001. MWF 9:30-10:40

Instructor: Theresa Migler-VonDollen

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

Teaching Assistants:
- Pardis Miri - semiri@ucsc.edu - W: 4-8pm and Th: 9-11am (Soc Sci I Mac 135)
- Brad Dettmer - bdetttmer@gmail.com - M: 12-1pm, 6-9pm and Th: 4-6pm (Soc Sci I Mac 135)

Tutors:
- Jake Acalin - jacalin@ucsc.edu - Th: 1-3pm (McHenry Library)
- Adrian Buenrostro - asbuenro@ucsc.edu - M: 2-3pm and F: 8-9am (McHenry Library)
- Anna Douville - adouvill@ucsc.edu - T: 5-6pm and F: 1-2pm (Science and Engineering Library)
- Yegeta Zeleke - yzeleke@ucsc.edu - M: 11-1pm (Science and Engineering Library)


Grade Policy:
- Programming Assignments 45%
- Quizzes 30%
- Final 25%

Homework and Quizzes:
There will be textbook 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. You will be allowed one late programming assignment (up to 24 hours after the deadline) without penalty. Any additional late programming assignment will automatically receive a 25% deduction (even if it is just 1 minute late). Any assignment submitted more than 24 hours late will not receive credit. Programs that don’t run will earn a score of no more than 50%. Follow the directions exactly. I do not drop the lowest scoring programming assignment, but there will be one extra credit opportunity. There will be a difficult (optional) programming assignment at the end of the quarter that can replace your lowest programming assignment score.
Course Website:
You will find all course information here:
https://courses.soe.ucsc.edu/courses/cmps5p/Spring15/01
All programming assignment submissions will be through eCommons.

Who/How to Contact:
For general course and grading questions contact Pardis. For website issues contact Brad. For questions with code, contact Pardis, Brad, or any of the tutors. They will forward the appropriate e-mails to the professor. When sending e-mails, always have CMPS5P in the title.

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/acd-integrity/index.html

Any confirmed academic dishonesty including but not limited to copying programs or cheating on quizzes or exams, will result in a failing grade.

Important Dates:
Quizzes (in class): April 10, April 24, May 8, May 22, and June 5
Final Exam: Tuesday, June 9, 4-7pm