• **Course:** Comparative Computer Languages

This course covers several programming languages and compares styles, philosophy, and design considerations. Principles underlying imperative, functional, logic and object-oriented programming styles are studied. Students write programs emphasizing each of these techniques. Prerequisite(s): cmps 101 or cmps 109.

• **Time & Place:** MWF 11:00am-12:10pm, Kresge Class Room 321

• **Lab Sections:** There are no scheduled lab sections. Use any of the lab facilities on a drop-in basis.

• **Instructor:** Dean Bailey; Office: E2 259; e-mail: dbailey@soe.ucsc.edu
  Office hours: Monday, Wednesday and Friday, 2:45pm-3:45pm and by appointment

• **Teaching Assistant:** There is no TA for this class.


• **Syllabus:** The following is a tentative syllabus for the course:
  - Introduction/Why Study Programming Languages
  - Brief History of Programming Languages
  - Formal Methods for Describing Programming Languages
  - Primary Constructs of Imperative Programming Languages
  - Object Oriented Support
  - Concurrent Programming
  - Exception Handling
  - Functional Programming
  - Logic Programming

• **Evaluation:** The course work will be weighted as follows:
  - Homework/Lab Assignments: 60%
  - Two Midterms: 20%
  - Final Exam: 20%

  N.B. Passing grades in all parts are required to pass the course.

• **Examination Schedule:**
  - Midterm 1: Wednesday, April 21
  - Midterm 2: Wednesday, May 12
  - Final Exam: Monday, June 7, 12:00noon-3:00pm
  The examination and quiz schedule is fixed. In particular, requests for changes in the schedule will not be accommodated; if you have conflicts with this schedule, please do not enroll in the class. Also, no time extension will be given for late arrivals on quiz day or examination day.

• **Academic Integrity:** No form of cheating or academic dishonesty will be tolerated. Incidents will be reported according to UCSC's policy on academic integrity, the full text of which can be found at [http://oasas.ucsc.edu/avcue/integrity](http://oasas.ucsc.edu/avcue/integrity). Specifically for this class, if you are caught turning in work as your own, that is not solely your own, or assisting others in doing so, a formal written report will be sent to your Department, the School of Engineering, and to your Provost and academic preceptor. Furthermore you will get a failing grade for the course and the incident will be noted in your evaluation.
- **WebCT**
  - We will use WebCT for news, some quizzes, submission of homework and lab assignments and reporting of scores.