

- **Course:** Computational Models
- **Time & Place:** Tuesday and Thursday 8:00-9:45 a.m., Baskin Engineering 152
- **Discussion Sections:**
 - Wednesday 3:00-5:00 p.m., Baskin Engineering 105;
 - Thursday 2:00-4:00 p.m., Baskin Engineering 105.
- **Instructor:** Phokion G. Kolaitis; office: BE 249; phone: x9-4768, e-mail: kolaitis@cse.ucsc.edu
- **Teaching Assistant:** Daniel Ford, email: ford@cse.ucsc.edu
- **Office Hours:**
 - Kolaitis: Monday 9:30-10:45:00 a.m., Thursday 4:15-5:30 p.m., BE 249
 - Ford: To be announced
- **Textbook:** *Introduction to Languages and the Theory of Computation*, by John Martin, 3rd Edition, McGraw Hill, 2003.
- **Goal:** To cover most of the material contained in Parts I, II, and III, as well as selected topics from Part IV.
- **Timetable:** The following is a tentative syllabus for the course:

Topic	Number of lectures
Review of Discrete Mathematics and Induction	1-2
Finite Automata and Regular Languages	5-6
Pushdown Automata and Context-Free Grammars	5-6
Turing Machines and Recursively Languages	6-7
Midterm Examination	1

- **Evaluation:** The course work will be weighted as follows:

Final Examination	40%
One Midterm Examination	30%
Four in-class Quizzes (20 minute each)	20%
Six Homework Assignments	10%

- **Examination and Quiz Schedule:**

1. Final Examination, Monday, June 9, 2003, 12:00-3:00 p.m.
2. Midterm Examination on Tuesday, May 6, 2003, 8:00-9:45 a.m.
3. Quizzes:
 - Quiz 1: Tuesday, April 15, 2003, 8:00-8:20 a.m.
 - Quiz 2: Tuesday, April 29, 2003, 8:00-8:20 a.m.
 - Quiz 3: Tuesday, May 20, 2003, 8:00-8:20 a.m.
 - Quiz 4: Tuesday, June 3, 2003, 8:00-8:20 a.m.

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 academic dishonesty will be tolerated. Incidents of academic dishonesty 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>

- **Miscellanea**

- All homework assignments are to be handed to the Teaching Assistant (Daniel Ford) at the end of the discussion section period.
- We will distribute solutions to the problems in the quizzes and in the midterm examination, after the grading has been completed.
- We may distribute or post solutions to a small number of selected problems in each homework assignment, after the grading has been completed. However, we are not able to distribute or post solutions to all problems in the homework assignments.
- We will *not* distribute or post “sample” examination problems or “sample” quiz problems.
- The class has a newsgroup, which is accessible from the class webpages. We will occasionally post announcements and reminders there, but we will *not* answer questions to homework problems on the newsgroup. The time and place to ask such questions and have them answered are the discussion sections and the office hours.