

**CMPSC 138 FALL 2009**

1. **COURSE** : Automata and Formal Languages  
Lecture : TR 9:30–10:45 Room: PHELP 3505  
Discussion : F 11:00–11:50 PHELP 3515
2. **PROFESSOR** : Oscar H. Ibarra, [ibarra@cs.ucsb.edu](mailto:ibarra@cs.ucsb.edu)  
Office hours : TR 11:00–11:50, Room: 2117 Harold Frank Hall
3. **TEACHING ASSISTANT** : Patricio Jara  
Office hours : MF 1:00–2:00, Room: 1413 PHELP
4. **REQUIRED TEXT** :  
*An Introduction to Formal Languages and Automata* , Peter Linz, Jones and Bartlett Publishers.
5. **PREREQUISITE** : CS 40.
6. **COURSE DESCRIPTION** : Finite automata and regular expressions; properties of regular languages; pushdown automata and context-free grammars/languages; properties of context-free languages; introduction to computability/unsolvability and computational complexity.

Please check the course homepage

<http://www.cs.ucsb.edu/~cs138>

frequently for announcements, etc.

7. **ASSIGNMENTS** : All assignments are to be turned in by the due date at the 138 Turnin Box in room 2112 Harold Frank Hall. **Sorry, no late assignments will be accepted.**
8. **EXAMS** : There will be one midterm exam and a final. The midterm and the final will be based on the material covered in the lectures *and* discussion sessions up to the day of the exam. Therefore, you are advised to attend the discussion sessions.  
**Date for midterm:** TBA  
**Date for final:** As scheduled in the Fall Quarter Class Schedule  
All exams are **closed book**.  
**Please note that there will be no makeup exams.**
9. **GRADING POLICY** :  
Assignments: 35%, Midterm: 25%, Final: 40%.
10. **POLICY ON CHEATING** : Cheating will not be tolerated. Persons caught cheating will receive a grade of F in the course and a report will be filed at the Office of Student Services.