1. **COURSE**: Computational Geometry  
   ENRLCD 49833  
   Lecture: T R 11:00-12:50 PHELP 2510

2. **INSTRUCTOR**: Ömer Eğecioğlu, omer@cs.ucsb.edu  
   2115 HFH , x–3529, Office hours: TBA.

3. **REQUIRED TEXT**:  

4. **COURSE OUTLINE**:  
   Topics to be covered include: convex hulls, line segment intersection, overlay calculations, polygon triangulation, point location, linear programming in the plane, Voronoi diagrams, arrangements, Delaunay triangulations, duality, geometric data structures, segment trees, interval trees, range searching.  
   These correspond roughly to chapters 1-10 of the text.  
   *The following announcements on Assignments, Exams, and Grading Policy are tentative and subject to change.*

5. **ASSIGNMENTS**: There will be 4-5 written homeworks.

6. **EXAMS**: There will be an in class midterm exam and a final exam.  
   The final exam is tentatively scheduled for Wednesday June 14, 12:00–3:00 pm.

7. **GRADING POLICY**:  
   Assignments: 50/100, Exam: 20/100, Final: 30/100.  
   Regrade requests for homeworks and exams must be made within a week.

8. **IMPORTANT**:  
   You are required to work on the homework assignments on your own. Please check the policies for expected student conduct of the UCSB catalogue. Note that in particular  
   “It is expected that students attending the University of California understand and subscribe to the ideal of academic integrity, and are willing to bear individual responsibility for their work. Any work (written or otherwise) submitted to fulfill an academic requirement must represent a student’s original work. Any act of academic dishonesty such as cheating or plagiarism, will subject a person to University disciplinary action. Using or attempting to use materials, information, study aids, or commercial “research” services not authorized by the instructor of the course constitutes cheating. Representing the words, ideas, or concepts of another person without appropriate attribution is plagiarism. Whenever another person’s written work is utilized, whether it be single phrase or longer, quotation marks must be used and sources cited. Paraphrasing another’s work, i.e., borrowing the ideas or concepts and putting them into one’s “own” words, must also be acknowledged. Although a person’s state of mind and intention will be considered in determining the University response to an act of academic dishonesty, this in now way lessens the responsibility of the student.”