

- **Course:** Introduction to Computer Graphics
- **Time & Place:** MWF 9:30am-10:40am, E2-192
- **Lab/Discussion Sections:**
 - Tuesday 10:00am-11:45am, BE 105
 - Wednesday 5:00pm-7:00pm, BE 105
- **Instructor:** Dean Bailey; office: E2 249B; phone: 831-459-1339, e-mail: dbailey@soe.ucsc.edu
- **Teaching Assistant:** Ken Hullett, e-mail: khullet@soe.ucsc.edu
- **Office Hours:**
 - Bailey: Monday and Friday, 2:00pm-4:00pm, E2 249B.
 - Hullett: tbd
- **Prerequisites:** course 101 and Mathematics 21 or Applied Mathematics and Statistics 27. Concurrent enrollment in course 160L required. Enrollment limited to 35
- **Textbook:** *Computer Graphics with OpenGL, 3rd Edition*, by Donald Hearn and M. Pauline Baker.
- **Syllabus:** The following is a tentative syllabus for the course:
 - Introduction
 - Basic modeling, transformations and rendering
 - 2D primitives
 - 3D primitives
 - Line drawing
 - Curve modeling
 - Surface modeling
 - Projection
 - Hidden surface removal
 - Shading algorithms
 - Ray tracing
 - Animation
- **Evaluation:** The course work will be weighted as follows:

Midterm Examination	25%
Four in-class Quizzes	25%
Program Assignments	25%
Final Project	25%

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

- **Examination and Quiz Schedule:**

1. Final Project Presentations (will be scheduled)
2. Midterm Examination on Friday, October 31
3. Quizzes:
 - Quiz 1: Friday, October 10
 - Quiz 2: Friday, October 24
 - Quiz 3: Friday, November 14
 - Quiz 4: Friday, November 28

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>. 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.

- **Miscellanea**

- All homework assignments are to be handed in at the beginning of Class on due date.
- Solutions to homework problems will be presented in the discussion sections or class. They will not be posted.
- We will provide solutions to the problems in the quizzes and in the midterm examination, after the grading has been completed.
- We will *not* distribute or post “sample” examination problems or “sample” quiz problems.