Introduction to Computer Graphics  
CAS CS480/CS680 (Fall 2003)  
Syllabus as of 09/03/03

Instructor  
Stan Sclaroff  
Office hours: MW 5-6pm and R 3:30–4:30pm (or by appointment)  
Office location: MCS 279, 111 Cummington Street, second floor  
E-mail: sclaroff@cs.bu.edu  
Phone: 353-8928

Teaching Fellow  
Ashwin Thangali  
Office hours: T 5-6:30pm and F 11am-12:30pm.  
Office location: MCS 263, 111 Cummington Street, second floor  
E-mail: tvashwin@cs.bu.edu

CS480 Course Description  
Introduction to computer graphics algorithms, programming methods, and applications. Focus on fundamentals of two- and three-dimensional raster graphics: scan-conversion, clipping, geometric transformations, and camera modeling. Advanced concepts in computational geometry, computer-human interfaces, animation, and visual realism will be introduced as time and class interest allows.

CS680 Course Description  
Graduate-level introduction to computer graphics algorithms, programming methods, and applications. Students attend CS480 lectures and are expected to complete additional work on problem sets, programming assignments, and tests.

Prerequisites  
Working knowledge of C or C++ programming and data structures (CS112 or CS113) and linear algebra (MA 242), or consent of the instructor

Required Texts  

Course Home Page  
http://www.cs.bu.edu/faculty/sclaroff/courses/cs480/Home.html  
All class assignments, schedules, and lecture notes can be found on these pages.

Computer Lab  
CAS CS Computing Lab  
730 Commonwealth Ave., room 302
Grading

Programming projects 50%
Problem sets 10%
Mid-term quiz 15%
Final 25%

*IncompleteS will not be given.*

Late Assignments

Late programming projects and problem sets will be levied a late penalty of 10% per day (up to five days). After five days, no credit will be given.

Tests

**Midterm:** Wednesday, Oct 15 (in class)
**Final:** time and location TBD

Tests are closed-book, but you can bring a 1 page (both sides) crib sheet on normal-sized paper (8.5x11 inches). Preparing a crib sheet is a useful study tool; it helps you to review and organize the material before the test. Your crib sheet should be written out (no mechanical or electronic reproductions are allowed). If you use a crib sheet, you will be asked to turn it in with your test.

Collaboration

All course participants must adhere to the College of Arts and Sciences Academic Conduct Code. Printed copies of the code are available from CAS Room 105. All instances of academic dishonesty will be reported to the academic conduct committee.

Course Mailing List

The course mailing list is named *cascs480a1-l* and is managed by IT’s majordomo engine. If you preregistered for CS480, then you are already on this list. If you drop the class, they you will be automatically removed from this list.

To subscribe to the course mailing list, send the following e-mail message to *majordomo@bu.edu*:

```
subscribe cascs480a1-l address
```

where *address* is your e-mail address. This should be in the body of the e-mail. Text in the e-mail subject line is ignored.

Students are encouraged to post course-related messages and questions to the mailing list. To send e-mail to the course mailing list, use the e-mail address: *cascs480a1-l@bu.edu*. 