

Computer Graphics (Fall 06) CS 401-01

Instructor: Dr. Amos Johnson
Class Time: T-TH 9:25 am – 10:40 am
Office Hours: Wednesday 1 – 3 pm (or by appointment)
Email: ajohnson@morehouse.edu
Class Web: http://facstaff.morehouse.edu/~ajohnson/graphics/graphics_fall06.htm

Text: Basic Concepts for Image Construction: Uniting Math, Science, Programming, and Creativity by Amos Johnson
(In book Store)

Prerequisites: MAT 272, CSC 310

Course Content: Image Basics, 2D Primitives, 2D Line Transformations, Viewing 3D Environments, and Light 3D Environments

Programming:

All programming assignments must execute on a Windows machine. You will write 6 programs (with multiple parts) for this course. All programs must be written in Python. Documentation will count for 20% of your grade for each program.

Cooperation among Students:

You may discuss high level design strategies and specifications of the assignment with other students. However, your programs and homework are to represent your own work. Unless it allowed, coding and detailed algorithm design decisions are to be made without consultation with others.

Grading:

Programs 30%
Discussion Questions 10%
Midterm 25%
Final 35%