CSC 470  <6638>  Introduction to Computer Graphics   Dr. Natacha Georgieva   FALL’10

Monday   11:15 – 1:10 – 1N 114
Wednesday  11:15 – 1:10 – 1N 005

Prerequisites:  CSC 326


Course Requirements

There will be a midterm and a final exam.
There will be two individual projects.
There will be 4-5 homework assignments and some lab problems.
There will be one presentation.

Grading

Programming Projects  ~ 30 %
Presentation  ~ 15 %
Homework assignments  ~ 15 %
Midterm  ~ 20 %
Final:  ~ 20 %

Makeup exams will not be given.

Office Hour:  Mon, Wed  1:30 pm – 2:30 pm  1N 205
Tel.: (718) 982 3288

E-mail:  natachag@mail.csi.cuny.edu  http://www.cs.csi.uny.edu/~natacha

Course Outline

1.  Introduction to computer graphics: elements of pictures, graphics display devices, scan conversion.
2.  Basic hardware and graphics primitives. Introduction to OpenGL.
3.  Drawing tools for graphics: world windows and viewports, clipping, drawing curves.
4.  2-D Topics: Geometric Transformations and some math. Modeling shapes with polygonal meshes.
7.  Curve and surface design.

Midterm  ~ November 1 (approximate and subject to change)
Final exam  December 15