CSC 470 <6646>  Introduction to Computer Graphics  Dr. Natacha Georgieva  F’04

Monday  11:15 – 1:10  1N111
Wednesday  11:15– 1:10  3N115

Prerequisites:  CSC 326

OpenGL A Primer, Edward Angel, Addison Wesley, 2001

Course Requirements

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

Grading

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<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tr>
<td>Programming Projects</td>
<td>~ 30 %</td>
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<tr>
<td>Presentation</td>
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<td>Homework assignments</td>
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<td>Midterm</td>
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<td>Final</td>
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Makeup exams will not be given.

Office Hour:  Mon  1:30 pm – 3:00 pm  Wed  1:30 pm – 3:00 pm or by appointment  (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 10
Final exam  ~ December 15
Note, the exam date is approximate and subject to change

//Syllabus CSC 470 Introduction to Computer Graphics