

STUDENT SYLLABUS

**Introduction to Scientific Visualization
MAT 5932-01**

Spring 2000

INSTRUCTOR The Good Doctor Bellenot

OFFICE 002B Love

OFFICE HOURS MW 1:15-2:15, TR 2:00-2:30 or by appointment

WEB PAGE <http://www.math.fsu.edu/~bellenot/class/s00/vis>

ELIGIBILITY. Graduate standing. Some programming experience.

PREREQUISITES. Some understanding of both Unix and some high level programming language.

TEXT. There are two texts. Edward Angel *Interactive Computer Graphics* Second Edition and Kirk Brown and Daniel Petesen *Ready-to-Run Java 3D*.

COURSE CONTENT. The course will include a crash course in Java; An introduction to Java 3D and 3D computer graphics in general; and an introduction to VisAD and scientific visualization in general.

COURSE OBJECTIVES. The purpose of this course is to introduce students to 3D computer techniques and applications. This a project oriented course with “hands on” assignments.

GRADING. Based on 3 projects and attendance. The weighting for the projects is 25/30/45.

PROJECTS. The first two projects will be assigned by the instructor during the course of the class. Some projects will be team projects. The last project will be an individual (or group) project on a topic agreed on in advance between the team and the instructor. Part of the this last project will be an oral report during the last week of classes.

EXAM POLICY. No tests will be given. Students must bring FSU ID cards to all tests.

COMPUTER CLASSROOM. No food or drinks are allowed in the classroom.

HONOR CODE. The Academic Honor System of The Florida State University is based on the premise that each student has the responsibility 1) to uphold the highest standards of academic integrity in the student's own work, 2) to refuse to tolerate violations of academic integrity in the University community, and 3) to foster a high sense of integrity and social responsibility on the part of the University community. Please note that violations of this Academic Honor System will not be tolerated in this class. Specifically, incidents of plagiarism of any type or referring to any unauthorized material during examinations will be rigorously pursued by this instructor. Before submitting any work for this class, please read the “Academic Honor System” in its entirety (as found in the [FSU General Bulletin](#) and in the [FSU Student Handbook](#) and ask the instructor to clarify any of its expectations that you do not understand.

AMERICAN DISABILITIES ACT. Students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC); 2) bring a letter to the instructor from SDRC indicating you need academic accommodations. This should be done within the first week of class.