

STUDENT SYLLABUS

MAD 5305–01

Fall 2003

WEB PAGE: <http://www.math.fsu.edu/~bellenot/class/f03/graph>

INSTRUCTOR The Good Doctor Bellenot

OFFICE 002-B Love ('B' for Bellenot in the Basement)

OFFICE HOURS MW 11:15-12 noon, T 2-3

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ELIGIBILITY. Graduate standing.

TEXT. Douglas West, *Introduction to Graph Theory*, Second Edition.

COURSE CONTENT. Parts of most of the chapters (as time permits).

COURSE OBJECTIVES. The purpose of this course is to introduce students to subject of Graph theory. The material in this course is largely proof theoretic although both algorithms and applications are also important.

ATTENDANCE. Attendance and class participation will be factors in determining the final grade. No food or drinks are allowed in the classroom.

GRADING. Grading is based on the easy going 85% A, 70% B, 55% C, 40% D system. There will be NO tests. Roughly 20% of your grade will be a project and the rest will be homework.

PROJECTS. Each student will do a project on a pre-approved graph theory topic. The project's grade will be determined on both the many page document (at least 5 and usually 10-20) and the in class oral presentation. Presentations are the last week and a half of classes. The project is due Wednesday, November 21st, the day before Thanksgiving. The project is 20% of your grade.

HOMEWORK. The remaining 80% of your grade will be determined by homework problems. Some problems (most, but not all) will be graded on a 10 point scale. Neatness and clarity presentation are important. Only the top 90% of your graded homework is used to compute your homework average. Generally three – five homework problems (often proofs) will be assigned each Monday and due the following Monday. Homework is assigned on our web page. Late homework is not accepted.

HOMEWORK RULES. Your **OWN** work, written in clear English. Neatly typed or written in ink on one side of standard 8.5 by 11 paper. Multiple pages must be stapled and **NOT** dog-eared or paper clipped. Discussion about the homework problems with other students or the professor is permissible, but the final output needs to be uniquely yours.

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.