

STUDENT SYLLABUS MAD 5932–01 Summer “B” 2006

- Web Page: <http://www.math.fsu.edu/~bellenot/class/su06/graph>
- Professor: Dr. Steven Bellenot, 223 Love, 644-7405, email: bellenot@math.fsu.edu
- Class schedule: MTWRF 9:30-10:50 201 Love
- Office Hours MWR 11:00-11:30 TF 8:45-9:15

ELIGIBILITY. MAS 3105 Applied Linear Algebra I is the prerequisite.

TEXT. Jonathan L Gross and Jay Yellen, *Graph Theory and its applications*, Second Edition.

COURSE CONTENT. See the on-line outline of topics

COURSE OBJECTIVES. The purpose of this course is to introduce students to subject and uses of Graph theory. The material in this course is largely about applications and algorithms although illustrative proofs are also given.

ATTENDANCE. Attendance and class participation will be factors in determining the final grade. No food or drinks are allowed in the classroom. Please turn off cell phones and keep them hidden during class.

GRADING. Grading is based on the easy going 85% A, 70% B, 55% C, 40% D system. There will be 2 tests (worth 25% each), 3 quizzes (worth 5% each), one computer based project (worth 10%) and daily homework (worth 25%). Tentatively the tests will be on May 26 and Jun 16, the quizzes on May 12, May 20 and Jun 9. The Project will be due on Jun 2.

EXAM POLICY. No makeup tests or quizzes will be given. A missed test or quiz may be excused if the student presents sufficient evidence of acceptable extenuating circumstances. The next test grade will be used for a missing quiz grade. The either next test grade will be used for the missing test grade, or at the instructor's option, a substitute oral test will be given. Students must bring FSU ID cards to all quizzes and tests.

HOMEWORK. The remaining 25% of your grade will be determined by homework. The list of homework problems will be maintained on the class web site. Email will be sent to the class whenever the list is updated. Some class days students will present problems and on others the homework will be collected. Most problems will not be graded directly. Please neatly organize your completed assignments into a notebook. Late homework is not accepted.

HOMEWORK RULES. Your **OWN** work, written in clear English. Neatly typed or writtin 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.