

Student Syllabus, MAD 3105-01, Spring 2003

Instructor: Partha Srinivasan

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Office Hours: 1:15 pm - 3:00 pm W,F or by appointment

Eligibility: You must have the course prerequisites listed below and must never have completed with a grade of C- or better a course for which MAD 3105 is a (stated or implied) prerequisite. It is the student's responsibility to check and prove eligibility.

Prerequisites: You must have passed MAD 2104 (Discrete Mathematics I) with a grade of C- or better.

Text: *Discrete Mathematics* 5th Edition, by Ross and Wright.

Course Content: Chapters 6, 10, 11 of the text with some supplementary material from chapters 4, 5 and 7. These chapters are the chapters as given in the 5th edition. The chapter numbers are different in the 4th edition.

Course Objectives: This course is intended for upper-division computer science majors, mathematics majors, and other science majors with an interest in mathematics. It is a requirement of the computer science major.

Attendance: You should attend class regularly. A student absent from class bears the full responsibility for all subject matter and procedural information discussed in class.

Grading: There will be three tests, a cumulative final exam, homework assignments, and quizzes. The quiz and homework points will be divided by the total number of points possible and scaled to 100. We call this grade H, the three tests are T1, T2, and T3, the final is F. Your grade will be determined as follows:

$$70\% \frac{(T1 + T2 + T3 + H)}{4} + 30\%F$$

Letter grades will be determined from numerical grades as follows. A: 90-100; B: 80-89; C: 70-79; D: 60-69; F: 0-59. Plus/Minus letter grades will be assigned to high/low numerical grades. A grade of I will not be given to avoid a grade of F or to give additional study time. Failure to process a course drop will result in a course grade of F.

Exam Policy: No makeup tests will normally be given. A missed test may be excused if the student presents sufficient verifiable evidence of acceptable extenuating circumstances. If a test absence is excused, then the final exam will be used for the missing test grade. An unexcused absence from a unit test will be penalized. Absences from tests due to family social events will not be excused. Acceptable medical excuses

must state explicitly that the student should be excused from class. Students must take the final examination at the scheduled time. Students must bring FSU ID cards to all tests.

Written Assignment Policies: Homework may be turned in early, but not late. Any material turned in late will be penalized 10% each *day* it is late, if it is accepted. No late assignments will be accepted after the graded assignments have been returned or after the solutions have been given.

Assignments should be organized, well written, and legible. Assignments will be graded on all three of these criteria. This course deals with proofs, or mathematical communication; therefore, both your comprehension and your ability to express mathematical concepts correctly will be important.

There will be recommended problems assigned from the text that will not be collected and graded. These problems will be discussed in class and you should work these problems to prepare yourself for discussions, to develop your understanding of the material, and to prepare yourself for quizzes and exams. Everyone should feel free to make use of my office hours, but anyone having difficulties is especially encouraged to make use of my office hours and work problems beyond the recommended assignments.

Tentative Test Dates:

Test #1 Monday, February 10th.

Test #2 Monday, March 17th.

Test #3 Monday, April 14th.

Final Exam: Thursday, May 1st, 10 a.m. - 12 noon. (This date is NOT tentative and is set by the University's Final Exam Schedule)

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.