

Student Syllabus

MAD 3105

FALL 2009

Instructor: Ahmet Emin Tatar

Office: MCH 219/E

Office Hours: M-W-F 10:00 – 11:00 or by appointment

E-mail: atatar@math.fsu.edu

Course Website: www.math.fsu.edu/~atatar/mad3105

Prerequisites: You must have passed MAD 2104, Discrete Mathematics I, with a C- or better 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.

Course Description: The purpose of this course is to develop knowledge and skills in fundamental mathematical topics that are relevant to computing, particularly to the systematic development of software. This course is intended for computer science majors and other science majors with an interest in computing. It is a requirement of the computer science major. The topics covered in this course will include Relations, Graphs, Boolean Algebra, and applications. In the text, Discrete Mathematics and Its Application, we will cover selected material from Chapters 7, 8, 9, and 10

Textbook: Kenneth H. Rosen, Discrete Mathematics and Its Applications (6th Ed.).

Recommended Supplementary Text:

Kenneth H. Rosen, Student's Solutions Guide for Discrete Mathematics and Its Applications (6th Ed.)

Dr. Kirby's lecture notes, they can be downloaded from the following website

<http://www.math.fsu.edu/~pkirby/mad3105/SlideShow/CourseNotesMAD3105.pdf>

Grading:

Grades in this course will be based on assignments, three exams and the final exam where each one of them will make up %20 of your grade. The grading scale for the course will be as follows: A: 90-100; B: 80-89; C: 70-79; D: 60-69; F: 0-59. Plus/minus grade will be the upper/lower in each grade range. 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:

Exam dates are given on the Course Calendar on the Course Websites. You will take three tests and a cumulative final exam. The tentative exam dates are as follows:

Test 1 Friday, Sep 25

Test 2 Friday, Oct 23

Test 3 Friday, Nov 20

The final exam date is 5:30 - 7:30 p.m. Tuesday, December 8

All the tests will be given in MCH 201.

No makeup tests or quizzes 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 by a loss of one letter grade (or ten percent of the numerical grade). 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.

Homework Policy:

Every Friday, I will handout a set of homework questions which will be due at the beginning of the class the Wednesday of the following week. Assignments can also be turned into my mailbox in room 208. I will check my mailbox before I start the lecture on Wednesdays and any assignment dropped in the mailbox after that time will be subject to the late policy.

You will be graded on any of the following that apply:

- result,
- reasoning, and
- exposition,

Late Policy

Late assignments lose one letter grade per day (or ten percent of the numerical grade). Assignments turned in more than 2 days after it is due will not be graded and will receive a grade of zero. Any exceptions to this policy are made at my discretion. If you are ill or have a serious problem that prevents you from submitting an assignment on the day it is due, please contact me at once.

Finally, please keep a copy of all your work. I cannot assume responsibility for lost items.

Policy on outside sources and collaboration

On written assignments you may use outside sources such as textbooks or websites. You may also work with another student in the course. You must cite all outside sources and collaborations. A statement of all sources used and all collaborations with classmates should be cited. If you work with another student your statement should include the contributions each student made. You may not turn in joint papers. All work turned in should be written in your own words and should not be a "cut and past" from another source. Credit will not be reduced for receiving help, but you are expected to understand everything you have turned in and credit for an assignment may be reduced if you cannot answer questions based upon work turned in.

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) give a letter to the instructor from SDRC indicating you need academic accommodations. This should be done within the first week of class.