

SYLLABUS

MATH 258
5:00 - 6:20 T,Th

Instructor: Dr. Michael Aristidou

Phone: 895-4435

Office Hours: 12:30-1:30 M,W

E-mail: maristidou@digipen.edu

Textbook: Discrete Mathematics and Its Application, by K.H. Rosen, 5th Edition, Mc Graw Hill 2003

Course Overview: This course gives an introduction to several mathematical topics of foundational importance in the mathematical and computer sciences. Topics include: propositional and first order logic, introductory set theory, algorithms, basic number theory, counting, relations, basic probability theory, graph theory and an introduction to formal languages and grammars.

Course Outline: The following chapters (and sections) will be covered:
Ch. 1, Ch.2, Ch.4, Ch.5, Ch.7, Ch.8, Ch.11

Grading: 20% - 10 quizzes
20% - 4 take-home homework assignments (on chapters 1, 2, 4+5+ 7 and 8+11 respectively)
30% - midterm exam
30% - final exam
(**NO** test scores will be dropped)

Grading Scale: A = 87-100%, B = 77-86%, C = 67-76%, D = 50-66%, F = 0-49%

Test Make-up Policy: Speak to me **BEFORE** the test or leave a telephone or an e-mail message. If you are not able to contact me before the test, contact me within the **NEXT** couple of days. Documentation to verify the reason you missed the test is required. Only one make-up test will be allowed for the semester and that if there are extremely special circumstances.

Class Policy: All cell phones, pagers, laptops, etc. must be turned off during class. No food or drinks are allowed in class. Only pencil is to be used on tests. All tests must be your work. Dishonesty is a violation of the code of student conduct and it will not be tolerated.

Important Dates:

4 -7 Nov: Midterm, 12-16 Dec: Final