MAT 226 Discrete Mathematics Course Syllabus– Spring 2005
Dept. of Mathematics and Statistics
Northern Arizona University

instructor: Monika Keindl
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office hours: MWF: 1:40-2:40 TuF: 10-11

Prerequisites: Grade of C or higher in MAT 110 or MAT 125.

Course description: Introduction to discrete mathematics including topics from graph theory and combinatorics with emphasis on problem solving.

Text: E. Goodaire and M. Parmenter, Discrete Mathematics with Graph Theory 2nd edition

Basis for evaluation:
- Homework/Quizzes: 30%
- 3 Tests: 45%
- Final: 25%

Grading policy:
- 90-100 %: A
- 80-89.99 %: B
- 70-79.99 %: C
- 60-69.99 %: D
- <60 %: F

Course policies:

• Tests and quizzes: There will be 3 tests during the semester. The exact dates will be announced at least a week before the tests in class and on the course website. You are responsible for material covered in class whether or not it is in the text. Taking good notes will help you in preparing for exams and also during quizzes. Quizzes are open notes, but closed books. Tests are closed books and closed notes. A quiz may be given at any time without previous announcement. No make up quizzes will be given for any reason other than institutional excuse. Make up tests will be given only in verified medical or other emergency which must be documented. You must make a reasonable effort to contact me, preferably before the missed test is given, but certainly not later than 48 hours after the missed test. The best way to contact me is by email.

• Homework: Homework will be assigned regularly and collected weekly on Mondays. No late homework will be accepted for any reason. I will drop 2 of your lowest HW scores at the end of the semester. Doing your homework will help you master the material presented in class. Some of these problems require a great deal of effort and time. You are encouraged to form study groups and discuss the assigned problems, however you need to write up your final solution individually. Any indication of simple copying from one another will result in a cancelled grade for that assignment.

• Formal requirements about the Homework: Write out your solutions neatly and staple your pages together. Don’t hand in scratch work. Give detailed explanations so that people without any previous knowledge can understand your solutions. A big chunk of your homework grade depends on how well you can write up your solution, simply getting the right answer is not enough.

• Calculators, technology: No calculator is needed for this course. Be aware that calculators will not be allowed on any tests or quizzes.

• Final Exam: The final exam will be comprehensive and is scheduled for Monday May 9th at 12:30 pm.