**MATH 210 SYLLABUS, Fall, 1999-2000 academic year**
**Lec. 3, MWF 9:55-10:45 a.m, B-239 Van Vleck**

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Office Hours: Monday (3:30-4:20), Wednesday (1:20-2:10), Friday (11:00-11:50)
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Text is:
*Finite Mathematics, 4th edition*
by D. Maki and M. Thompson

**Course Content**: Math 210 is a course on what is often referred to as *finite mathematics*. The prerequisite is Math 112 (or Math 114), or placement scores that exempt one from Math 112. The topics covered in the course include: combinatorial counting, principles and uses of finite probability, linear systems (linear equations, matrix algebra, linear optimization), Markov chains, and financial mathematics.

**EXAMS and GRADES** There will be five in-class exams, roughly one every three weeks, which I will construct. Each exam will have four questions. You will be asked to show your **Photo ID** at each exam. The **last exam is required**; of the first four exams, the one with the lowest score will be dropped. There will be **NO make-up exams**; if you miss one of the first four exams, then that exam is the one that will be dropped. Each in-class exam is worth 100 points. There will be no final exam. Thus the maximum number of points you can earn is 400.

**Calculator Policy**: It is acceptable to use calculators on exams, although there is little advantage. Most answers need not be calculated out, and a numerical answer without indication of reasoning, formulas, ... will receive no credit.

**Attendance:** It is expected that each student will be present at all of the classes. Office hours are for students who need additional help beyond that given in the lecture and discussion sections.

Grades will be assigned on the following absolute standard:

| **Grade** | **Accomplishment level** | **Points** |
|---|---|---|
| $A$ | **superior** | 370 ↑ |
| $AB$ | **excellent** | 355 ↑ |
| $B$ | **proficient** | 330 ↑ |
| $BC$ | **good** | 310 ↑ |
| $C$ | **acceptable** | 275 ↑ |
| $D$ | **mediocre** | 240 ↑ |
| $F$ | **unacceptable** | 0 ↑ |

Because of this absolute standard, you are not in competition with your classmates nor does their performance influence positively or negatively your performance.

**Study Habits**: It is important that you keep up with the assigned work. To prepare for lecture, you should read beforehand the section of the book covered in lecture. The lecture will help you focus on the main concepts, problem-solving strategies, and techniques. After the lecture, you should then work the assigned problems. You are encouraged to form study groups with your classmates; things not clear to you may become obvious when you try to explain them to others or when you hear other points of view. Sometimes just verbalizing your mathematical thoughts can deepen your understanding.

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**Discussion Sections**: There is a **TA** assigned to this course who will attend the lecture and meet you once a week in a discussion section. In the discussion section you have the opportunity to ask questions about examples from the lecture and the assigned exercises. Since exercises are not handed in, this is your primary opportunity to get feedback on your work **before** exams. The exams will be graded by the TA under my supervision and will be returned only in the discussion section. The TA will also have office hours each week for routine help with exercises etc. I have office hours (listed above) for non-routine help.

**Other Information**

**GUTS**: GUTS (Greater University Tutoring Service) is a free peer tutoring service offered either as one on one, in small groups, or in drop-in centers. The drop-in centers are located in Gordon Commons, Helen C. White Library, Kronshage Hall, Union South, and Wendt Library. The GUTS office is 303 Union South (263-5666). They also have an exam file in their office.

**Private Tutors**: The receptionist office on the 2nd floor of Van Vleck has a list of private tutors.

**Note to McBurney Disability Resource Center students:** Students of the Center who are recommended for some accomodation (e.g., extended time on exams) should contact the instructor about this no later than September 13.

**The Department of Mathematics:**

Chair: A. Adem (219 Van Vleck)

Associate Chair: J.M. Osborn (325 Van Vleck)

Department Administrator: G. Novara (223 Van Vleck)

TA Supervisor: D. Uhlenbrock (421 Van Vleck)

Sexual Harrassment Contact Persons: G. Benkart (817 Van Vleck), J.M. Osborn (325 Van Vleck)

Access and Accomodation Coordinators: J.M. Osborn (325 Van Vleck), C. Rider (321 Van Vleck)

Faculty Minority Liaison: D. Rider (821 Van Vleck)