

MAT 119 / 10:40 MWF / PSA 113
Spring 2005 Course Syllabus

Instructor: Mark Ashbrook	Schedule Line Number: 10983
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Instructor URL: math.asu.edu/~ashbrook	MAT 119 URL: http://fym.la.asu.edu/~fym/mat119/mat119.shtml

Tentative Schedule

Week	Dates	Topics	Remarks
1	January 17-21	Intro, 5.1-5.2	
2	January 24-28	5.3-5.4	
3	January 31 – February 4	6.1-6.2	
4	February 7-11	6.3-6.4-6.5	
5	February 14-18	Review, 7.1	Exam 1
6	February 21-25	7.2-7.3	
7	February 28 – March 4	7.4-7.5	
8	March 7-11	8.1-8.2	
9	March 14-18	Spring Break	Enjoy the week off!!!
10	March 21-25	8.3, Review	
11	March 28 – April 1	2.1-2.2-2.3	Exam 2, Course Withdrawal Deadline!
12	April 4-8	2.4-2.5	
13	April 11-15	2.6-3.1	
14	April 18-22	3.2-3.3, Review	
15	April 25-29	4.1-4.2	Exam 3
16	May 2-6	Review	Finals Week Begins
	Monday May 9	Final Exam	12:20-2:10 p.m.

Course Description:

This course covers topics from finance, set theory, combinatorics, probability, linear algebra and linear programming. Prerequisite: MAT 113 or MAT 117 with a grade of C or better. *General Studies: MA*

Required Text:

Finite Mathematics, An Applied Approach, 9th Edition; by Mizrahi & Sullivan; Wiley Publishing Company; ISBN 0-471-32899-5

Calculator:

A calculator is required for this course. The recommended models are the Casio CFX-9850 or TI-83. These are the models that most students use.

Tutor Center:

The Math Tutor Center in PSA 116 will be open Monday-Thursday from 8am – 8pm, Friday from 8am – 3pm, and Saturday and Sunday from 12pm – 4pm. Be sure to go for help before it is too late and several days before an exam. In order to be admitted to the Tutor Center, each student must have a valid ASU Sun Card. The tutor center is free for all students currently registered in MAT 119 for the Spring 2005 semester.

Exams:

You will take 3 mid-term exams during the semester (in the testing center) and one final exam. Each will involve a mix of mechanical skills and conceptual reasoning. The best possible preparation for them is regular attendance and completion of assigned homework.

Exam	Date	Topics on Exam
Exam #1	Thursday-Friday February 17-18	Sections 5.1-5.4, 6.1-6.6
Exam #2	Thursday-Friday March 31, April 1	Sections 7.1-7.5, 8.1-8.3
Exam #3	Thursday-Friday April 28, 29	Sections 2.1-2.6, 3.1-3.3

Math Testing Center:

The Mathematics Department Testing Center is in PSA 21 (basement). To be admitted to the Testing Center, each student must have a valid ASU Sun Card and an official testing center label provided by the instructor. The testing center is open 8:00am – 8:00pm Monday – Thursday and 8:00am – 5:00pm Friday. Make sure you arrive *before* 6:30pm Monday – Thursday or 3:30pm Friday. The testing center will not allow late entry. Arrival before the door closes allows the student an hour and a half to complete the test. It is recommended by the testing center that students take exams as early as possible during the allotted time frame, since the testing center can get extremely busy in the evenings and on the last day possible to take the exam. *It is your responsibility to make sure that you take the exam by the date/time it is due. Losing your testing center label, “forgetting” the dates of the exam, arriving late, or an over-crowded testing center are NOT acceptable excuses to miss an exam.*

Final Exam:

The final exam will be given in our regular classroom as scheduled on **Monday May 9th at 12:20 p.m.** According to ASU policy, final exams can be rescheduled only under the following circumstances: (1) religious conflict, (2) the student has more than 3 exams scheduled on the same day, or (3) two finals are scheduled to occur at the same time. No final exams will be rescheduled for personal reasons.

Homework/Webwork/Quizzes:

In order to ensure all students stay on top of the material, homework will be graded regularly. Your homework submissions may be written, submitted online at <http://webwork.asu.edu/>, or a mixture of both. You are encouraged to work together on homework, but each individual student is required to submit his or her own work. All written homework must be turned in neat, organized, and stapled if there are multiple pages. Occasional quizzes may be given reflecting material recently discussed in class.

Attendance:

All students are expected to come to class each day prepared to discuss assignments and material being presented in class. During class, any student can expect to be called upon to answer questions posed by the instructor and other students. Statistics show that students who regularly come to class tend to do better than students who skip class every now and again. Occasionally, in-class assignments may be collected and graded counting towards the homework/classwork component of the grading criteria. Students are advised that class participation is occasionally taken into account for borderline grade situations.

Component	Percentage	Grade	Percentage
3 Mid-Term Exams	45%	A+	98% to 100%
Final Exam	30%	A	90% to 97%
Homework / Classwork / Quizzes	25%	A-	88% to 90%
		B+	85% to 88%
		B	80% to 85%
		B-	78% to 80%
		C+	75% to 78%
		C	70% to 75%
		D	60% to 70%
		E	< 60%

Additional Information:

- Students who feel as though they are excused from class or an exam because of religious observances, medical reasons, or family emergencies are expected to contact the instructor before the class session/exam for which the student will be absent. The best way to reach me is via e-mail. My office phone number is NOT a reliable way to leave a message for me. Justification for after the fact absences **will** require corroboratory documentation and still may not be accepted. Please note that work emergencies do not constitute documented emergencies.
- Arrangements for any make-ups must be done within one week of the assignment.
- Electronic submissions of written homework (e-mail or fax) will not be accepted.
- Students with differing abilities should arrange to meet with me by the end of the first week of classes to arrange for reasonable accommodations for their learning needs.
- Turn off any cellular phones or pagers prior to entering class. If cellular telephones are seen or heard in class, the student will be asked to leave the room.

- I reserve the right to make changes to this syllabus as necessary. Changes will be considered official if they are announced in class or placed on my web site.
- Welcome to the course! I encourage you to stay after class, come to my office hours, or make an appointment with me to discuss any material that is unclear to you. I wish you well in the course and all of your other academic pursuits this semester.

Reminder of Particular Departmental and University Policies and Procedures

<i>Course Withdrawal:</i>	Sunday, April 3, 2005
<i>Complete Withdrawal:</i>	Tuesday, May 3, 2005

Ethics:

It is highly unethical to bring to your instructor's attention the possible impact of your mathematics grade on your future plans, including graduation, scholarships, jobs, etc. The instructor may exercise an option to withdraw you from the course if they think you are compromising the ability to assess your work independently of any other consideration. Students found to be involved in academic dishonesty will be removed from the class and a grade of **XE** for the course will be submitted to the registrar. The student will be advised to repeat the course with another professor, possibly at another institution. This is the least action taken. Further, more serious actions may be taken if the situation indicated that such actions are appropriate.

Incomplete:

If there is a last-minute personal or medical emergency, the student may receive a grade of Incomplete and make up the final within one calendar year. The student must provide written documentation and be passing the class at the time to receive an Incomplete. Make-up exams will NOT be given for reasons of a non-refundable airline tickets, vacation plans, work schedules, weddings, family reunions, and other such activities. Students should consult the final exam schedule before making end-of-semester travel plans. *The Dean of the student's college must approve any exceptions to these rules.*

Honor Policy:

The highest standards of academic integrity are expected of all students at all times. The failure of any student to meet these standards may result in suspension or expulsion from the University or other sanctions as specified in the University Student Academic Integrity Policy. Violations of academic integrity include, but are not limited to, cheating, fabrication, tampering, plagiarism and/or facilitating such activities.

Homework Assignments:

5.1	2-24 even, 28 32 40 44 48 51 (52) 54 (58)	8.1	1 3 5 7 9 11 16 17 20 21 (30) 32 33 36 (38)
5.2	2 4 8 12 14 16 (18) 20 33 36 (38) 39 42 47	8.2	2 14 16 19 24 28 (30) 32 34 36 38 (46)
5.3	8 14 17 24 25 26 (28) 30 (32) 37	8.3	2 9 12 (14) 16 23 26 (28)
5.4	6 10 14 16 (18) (19) 23 26 29 32	2.1	(14) 17 20 24 25 30 34 46 48 50 (52) 57
6.1	1 3 5 7 9 12 15 (20) 23ace 26 (30) 33 38	2.2	6 8 16 22 24 26 36 42 (50) 53 68 71 (72)
6.2	4 9 (14) 17 20 24 (28) 29	2.3	2 8 14 16 18 20 (22) 26 30 50 (56) 57
6.3	2 4 9 11 12 14 16 (18) 19 22 24 26 28 (30)	2.4	4 8 18 24 29 30 32 38 41 (52) 65 (70)
6.4	2 5 13 14 16 22 25 (30) 34 36 42 44 45 (46)	2.5	6 8 9 18 22 24 36 (38) 45 51 53 (59)
6.5	2 3 10 14 16 20 24 25 26 28 (30) 33 36 39 (40)	2.6	6 7 12 15 22 28 (34) (40) 44 46
6.6	2 5 8 9	3.1	4 6 9 10 20 (28) 30 41 (46)
7.1	4 5 8 17 (18) 20 22 32 36 38 40 48 49 (52) 55	3.2	7 (12) 19 22 26 (30) 36 42
7.2	1-4 10 11 14 (20) 22 (26) 29 30 34 38 40 42	3.3	2 4 6 (10)
7.3	2 4 5 9 11 (14) 18 20 21 (24)	4.1	2 6 10 12 16 (18) 23 (30)
7.4	1 3 5 7 10 17 19 30 34 36 (38) 40 56 59 (56ace)	4.2	1 3 5 7 (14) 22 27 (34)
7.5	3 4 6 (8) 12 18 24 (32) 34 39 40		