

MAT 119: Finite Mathematics

Fall 2009 Course Syllabus

Instructor:	SLN:
Office:	Office Phone:
E-mail:	Office Hours:
Homepage:	MAT 119 URL: http://math.asu.edu/fym/Courses/mat119.html

Tentative Schedule:

No.	Week	Topics	Comments
1	8/24 – 8/28	Intro, 6.1, 6.2	
2	8/31 – 9/4	6.3, 6.4	
3	9/7 – 9/11	6.5, Review	9/7, Labor Day
4	9/14 – 9/18	7.1, 7.2	Exam 1 (6.1 – 6.5) 9/14 or 9/15
5	9/21 – 9/25	7.3, 7.4	
6	9/28 – 10/2	7.5, Review	
7	10/5 – 10/9	8.1, 8.2	Exam 2 (7.1 – 7.5) 10/5 or 10/6
8	10/12 – 10/16	8.3, 8.4	
9	10/19 – 10/23	2.4, 2.5	
10	10/26 – 10/30	2.6, Review	
11	11/2 – 11/6	10.1, (2.1)	Exam 3 (8.1 – 8.4, 2.4 – 2.6) 11/2 or 11/3
12	11/9 – 11/13	10.2, 10.3	11/11, Veterans Day
13	11/16 – 11/20	10.4	
14	11/23 – 11/27	10.5	11/26-27, Thanksgiving
15	11/30 – 12/4	10.6, Review	
16	12/7 – 12/11	Review	12/9, Reading Day

Final Exam: A cumulative final exam will be given in our regular classroom as scheduled according to the standard campus-wide finals schedule. My final is on _____ at _____ . 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.

Course Description: This course covers topics from set theory, combinatorics, probability, matrices, and Markov chains. Prerequisite: MAT 113 or MAT 117 with a grade of C or better. *General Studies: MA*

Textbook: *Finite Mathematics, An Applied Approach, 10th Edition*; by Michael Sullivan; Wiley Publishing Company. Instead of buying the actual text, you have the option to purchase access to the WileyPlus online text component which gives access to online homework assignments. Go to <https://edugen.wiley.com/edugen/secure/index.uni> to buy your registration code. (If you purchase the textbook, it will come with a registration code; don't buy both.)

Calculator: A calculator is required for this course. The calculator must be able to perform matrix operations. A Ti-83 or Ti-84 is highly recommended.

Attendance: For classes that meet MWF, the maximum number of allowed absences is six (6). For classes that meet twice a week, the maximum number is four (4). Students who exceed the number of allowed absences will receive a grade of **EN**. Very rarely will excused absences be approved, at the discretion of the instructor.

Tutor Center: The Math Tutor Center in PSA 116 will be open Monday-Thursday from 8am –6pm, Friday from 8am – 4pm, and Sunday from 1pm – 6pm (Hours subject to change). 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 registered in MAT 119 for the current 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.

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 Car. 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. “Forgetting” the dates of the exam, arriving late, or an overcrowded testing center are NOT acceptable excuses to miss an exam.*

Homework/Quizzes: Homework may consist of weekly problem sets assigned online and/or written assignments due at the beginning of class. Quizzes, class work and projects are up to your instructor.

Attendance:

Attendance is essential for the success in this course. You will not receive credit for homework, quizzes or any in class work if you are not in class.

<u>Grading:</u>	Exam 1	15 %	<u>Scale:</u>	90 – 100 %	A
	Exam 2	15 %		80 – 89 %	B
	Exam 3	15 %		70 – 79 %	C
	Final Exam	25 %		60 – 69 %	D
	Quizzes, HW, Other	30 %		59 % or below	E

Graphing Calculator Workshops – It is **very** important that you attend either of these sessions:

Date Time Place

TBA

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.

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.

The instructor reserves the right to make changes to this syllabus as necessary. Changes will be considered official if they are announced in class or placed on the instructor's 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>	Nov. 6 (in person) or Nov. 8 (ASU Interactive)
<i>Complete Withdrawal:</i>	December 8

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.

Final Exam Make-up Policy:

The final exam schedule listed in the Schedule of Classes(<http://students.asu.edu/final-exam-schedule#spring>) will be strictly followed. Except to resolve those situations described below, no changes may be made in this schedule without prior approval of the Dean of the college in which the course is offered. Under this schedule, if a conflict occurs, or a student has more than three exams on one day, the instructors may be consulted about an individual schedule adjustment. necessary, the matter may be pursued further with the appropriate dean(s). This procedure applies to conflicts among any combination of Downtown Phoenix campus, Tempe campus, Polytechnic campus, West campus, and/or off campus class.

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.