

MATH 115 Summer 2012

Time: Mon/Wed/Thu 9:00 - 11:05 a.m.

Instructor: Raji J. Baradwaj

Phone: 410-455-2403

Office Hours: By appointment

Room: SOND 109

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Text: Finite Mathematics, Eleventh edition by Michael Sullivan, WILEY PUBLISHER.

Chapters to be covered: Sec 1.1, 1.2, 2.1 - 2.3, 3.1 – 3.4, 4.1 - 4.3, 5.1 – 5.3, 7.1 - 7.6, 8.1 – 8.6

Course Description: An introduction to linear algebra, matrices, set theory, combinatorial analysis, and probability theory.

Learning Goals:

By the end of this course, one should:

- Understand the key ideas, concepts, definitions, and results.
- Be able to apply theoretical results and computational algorithms to material related problems.
- Have enhanced your ability to communicate mathematical ideas and algorithms orally and in writing.

To succeed in this class, one should:

- Preview each section before it is covered in the class.
- Actively participate in each class.
- Form and participate in a study group.
- Work out each problem by yourself first, discuss it in study group if needed.

Homework: Problems will be assigned after finishing each section. But they will not be collected. The students are required to work out all the problems assigned.

Exams and Quizzes: There will be 6 quizzes, one mid term, and the final exam. Lowest quiz score will be dropped.

QZ 1 – June 4

QZ 2 – June 7

QZ 3 – June 13

QZ 4 – June 18

QZ 5 – June 27

QZ 6 – July 2

MID TERM – JUNE 21

FINAL EXAM – JULY 5

Attendance: Students are expected to attend every class. The students are responsible for any material covered, announcements made in the class, and changes in the schedule regardless of their attendance.

Grading:	5 Quizzes (20Pts each)	100 points
	MID TERM	100 points
	Final Exam	100 Points
	Total	300 Points

90% and above	A	80%-89%	B
70%-79%	C	60%-69%	D
59% and below	F		

Make-Up policy: **No make up quiz.** Lowest quiz score will be dropped. **Make-up will be given only if you provide a documented evidence of an emergency situation that caused you to miss the test and let me know via e-mail or phone before the test. You have to make up the test before the next class period. Otherwise, zero points will be assigned for a missed test.**

ACADEMIC HONESTY: By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but not limited to, suspension or dismissal.

To read the full student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the UMBC Policies section of the UMBC Directory.