

SYLLABUS

MATH 245

Section # 3404

W 6:45 –9:55 PM

Office: B9

Instructor: Tigran Mkrtchyan

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Office Hours: Wednesday 5:45-6:45 PM or by appointment at B9

Textbook: College Algebra, David Cohen (Fifth edition).

The ISBN for the book: 0-534-35771-7

The ISBN for the book bundled with the Solution Manual: 0-534-42561-5

Attendance: It is solely the responsibility of the student to drop himself/herself. If your name appears on my grade roster, I must assign a grade to you.

Homework: Homework from the text will be assigned and collected every class meeting. You will receive full credit for an assignment if it is reasonably complete with work shown. Some of the HW problems will be discussed in class. Most test problems will be similar to HW problems, so be sure you understand the homework.

Exams: There will be four tests during the semester and a final. Missed tests cannot be made up, but you must talk to me if you miss one. If there is an emergency and you know in advance that you will miss an exam, then it is possible to arrange to take it in advance, but no exam will be given after the class has taken it.

Final: The final exam is on Wednesday December 17th. It will be a comprehensive exam.

Student Learning Outcomes: Manipulate complicated expressions involving negative and rational exponents,
Identify and graph various types of functions particularly the polynomial and rational functions,
Apply graphing techniques involving translations, reflections, and shrinking/stretching,
Model calculus-type word problems,
Analyze and sketch graphs of conic sections and give their properties,
Recognize sequences and series of numbers and solve problems involving arithmetic and geometric sequences and series,
Apply the Binomial Theorem.

Note: Work must be shown on all quizzes/tests and homework assignments.

Class Rules: All electronic devices must be turned off before entering classroom and cannot be used in the classroom. Feel free to ask questions.
Penalties for cheating range from a zero on an exam to dismissal from the course and/or the college.

Grades: Your grade will be computed from your chapter test scores after your worst test score has been dropped, quizzes/class-work, homework and final. Grades are assigned according to the following scale:

Quizzes/Class work approx. 10%

Homework: approx. 10%

Exams: approx. 50%

Final: approx. 30%

Grades will be awarded on a 10% scale.

90-100% A, 80-89% B, 70-79% C, 60-69% D, 0-59% F.

I encourage studying together. Your classmates can be an excellent resource.

I want you to feel comfortable asking questions. I can't help you if you won't talk to me.