

Precalculus

MAT 186

INSTRUCTOR: Brian F. Kennedy

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REQUIRED TEXT

Precalculus: Mathematics for Calculus by Stewart, Redlin, Watson 5th edition, a graphing calculator is also required.

CREDIT: 4 credit hours

COURSE DESCRIPTION

This course prepares students for the study of Calculus I. The topics include, but are not limited to: polynomial and rational functions and their graphs, quadratic functions, operations on radical expressions, exponential and logarithmic functions, trigonometric functions and their graphs, trigonometric equations and identities, systems of equations and matrices and determinants.

PREREQUISITE: MAT 137 or equivalent.

GRADING POLICY

A student will receive one of the following grades: A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F, I, W, P or Audit.

Determination of that grade will be based on the following. Throughout the semester there will be five, 100 point exams (an exam will be announced at least one week prior to its administration). Quizzes and/or take-home projects throughout the semester totaling 100 points. Your final grade will be computed by totaling all the points earned on the five tests, quizzes and projects then dividing that total by the 600 possible points.

Grade Equivalents:	A 93 - 100	B 83 - 86	C 73 - 76	D 63 - 66
	A- 90 - 92	B- 80 - 82	C- 70 - 72	D- 60 - 62
	B+ 87 - 89	C+ 77 - 79	D+ 67 - 69	F 59 or less

Quizzes will be during the first 15 minutes of class and cannot be made up. No test can be made up without prior arrangement with the instructor. All makeup tests will take place during final exam week.

COLLEGE WITHDRAWAL POLICY

A student who finds it necessary to discontinue a course must complete a withdrawal form in the Registrar's Office at the time of withdrawal. Students may withdraw from class anytime during the first ten weeks without being in good standing or obtaining prior permission of the instructor. After that period, a student wishing to withdraw must obtain written authorization of the instructor to receive a W grade for the course. Students who do not withdraw, but stop attending will be assigned and F. Eligibility for refund of tuition is based upon date of withdrawal when received by the registrar. Verbal withdrawals cannot be accepted.

DISABILITIES STATEMENT

If you have a hidden or visible disability which may require classroom or test-taking modifications, please see me as soon as possible. If you have not already done so, please be sure to register with Chris Scarborough.

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COURSE OUTLINE (subject to change)

Date	Chapters (Sections) covered
1/22	1.5, 1.7, 2.1
1/24	2.2, 2.3
1/29	2.4 - 2.5
1/31	2.7 - 2.8
2/5	Review (2.6)
2/7	Test #1 Chapter 2
2/12	3.1 - 3.2
2/114	3.3 - 3.4
2/21	3.5 - 3.6
2/26	4.1 - 4.2
2/28	4.3 - 4.4
3/5	4.5
3/7	Review
3/12	Test #2 Chapters 3, 4
3/14	6.1 - 6.2
3/26	6.3
3/28	6.4 - 6.5
4/2	Review
4/4	Test #3 Chapter 6
4/9	5.2 - 5.3
4/11	5.4, 7.1
4/16	7.2 - 7.3
4/18	7.4 - 7.5
4/23	7.5
4/25	Review
4/30	Test #4 Chapters 5, 7
5/2	9.3 - 9.4
5/7	9.5 - 9.6
5/9	9.7, 9.9
5/14	Review
5/16	Test #5 Chapter 9