

Course: MS114 COLLEGE ALGEBRA AND TRIGONOMETRY

Text: PRECALCULUS MATHEMATICS FOR CALCULUS, 4th. ed., by Stewart, Redlin and Watson; published by Brooks/Cole, 2003.

Instructor: Sister Mary Catherine Brechting, O.P.

Office: AB50G

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Home 791-0151 (Please do not call after 11:00 P.M.)

Office Hours	Monday	12:30-1:30, 2:30-3:00, 4:00-5:00
	Tuesday	12:30-1:30, 2:30-3:00, 4:00-5:00
	Wednesday	12:30-1:30, 2:30-3:00
	Thursday	12:30-1:30, 2:30-3:00
	Friday	12:30-2:30
	By appointment	

Goal: To provide the algebraic and trigonometric material that is needed to meet the requirements for other college disciplines and to satisfy prerequisites for further mathematical study.

The content for the course will include linear and quadratic functions; equations and inequalities; transformations; systems of linear equations and inequalities, polynomial, rational, exponential, logarithmic and trigonometric functions; graphing of these functions; and conic sections.

Objectives:

- (1) Students will demonstrate an understanding of content on written exams.
- (2) Students will present concepts from different viewpoints – graphical, numerical as well as symbolical .
- (3) Students will communicate an understanding of concepts both orally and in writing.
- (4) Students will use technology as a tool in both understanding concepts and as an aid in problem solving.

Evaluation:	4 tests	55%	95-100	A	73-76	C
	Homework	35%	90-94	A-	70-72	C-
	Quizzes	10%	87-89	B+	67-69	D+
			83-86	B	63-66	D
			80-82	B-	60-62	D-
			77-79	C+	0-59	NC

- Note:
- (1) This document is intended to be a guideline for this class.
 - (2) Quizzes based on the assigned homework will be given frequently. They will only be ten or fifteen minutes in length.
 - (3) A graphing calculator is required for this class.
 - (4) 2 points will be deducted for each day that an assignment is late unless verbal permission is obtained from me. To be absent from class on the day that an assignment is given is not acceptable as an excuse. You can always call me or talk to one of your classmates.
 - (5) If a student misses 5 or more classes, the letter grade earned will be dropped to the next lower grade.