

Course Information

Number:	MS205
Name:	Pre-Calculus (Previously: College Math)
Description:	This course is designed to help students think effectively and analyze issues logically. Basic strategies of thought and analyses are emphasized. These strategies are designed to help students deal with real-life situations. This course is designed as a transitional course between Algebra and more advanced college mathematics, particularly Calculus I. Topics covered include: topology, exponential and logarithmic functions, trigonometric functions and identities, and an introduction to analytic geometry.
Credit(s):	3
Offered (DAY schedule):	Every semester
Instructor Permission Required:	N
Pre-Requisite(s):	MS120 or equivalent

Course Objectives

In this course, students will be able to: A. Graph linear, polynomial, trigonometric, exponential, and logarithmic equations. B. Identify equations for given graphs. C. Determine the values of trigonometric functions. D. State and apply trigonometric identities. E. Convert between parametric and rectangular coordinates and interpret polar coordinates. F. Represent and solve real-world problems involving exponential growth/decay and trigonometry.



MS205

Pre-Calculus
Thomas College

Spring 2019

INSTRUCTOR: Dr. Anne-Marie Thibodeau
e-mail: thibodeaua@thomas.edu
Office: AD110
Ext. 356
Office Hours: M, W, F 9:00 – 10:00; Tu, Th 10:45 – 11:45; or by appointment

ACCESS to MyMathLab (required): Register, and pay, directly at start of class when Professor provides you with Course ID: <http://www.pearsonmylabandmastering.com/northamerica/mymathlab/>. Those of you who completed MS197, with Professor Thibodeau, in Fall 2018, will not need to purchase a new account. Simply register with the Course ID for this course.

TECHNOLOGY: MyMathLab
Desmos Graphing Calculator (www.desmos.com/calculator)
Calculator (purchase for \$1 at The Dollar Store)

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COURSE OBJECTIVES:

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- Graph linear, polynomial, trigonometric, exponential, and logarithmic equations.
- Identify equations for given graphs.
- Determine the values of trigonometric functions.
- State and apply trigonometric identities.
- Convert between parametric and rectangular coordinates and interpret polar coordinates.
- Represent and solve real-world problems involving exponential growth/decay and trigonometry.

HOMEWORK:

Homework will be assigned and graded. **Homework must be submitted by the class meeting for which it was assigned. Late homework will be graded as '0'**. Homework must be completed in MyMathLab for the designated course; therefore, Access and registration to MyMathLab is required and must be purchased by the 1st week of class.

IF STUDENT HAS NOT CREATED AN ACCOUNT IN MYMATHLAB BY 1/15/2019, HE/SHE WILL BE DROPPED FROM THIS COURSE.

If more than two weeks' worth of assignments are not submitted in MyMathLab, student will be dropped from this course.

Makeup Exams/Quizzes will not be given except under rare circumstances that will require official documentation (e.g., medical emergency room records), proof that the event was an non-reschedulable EMERGENCY.

GRADING: Assignments: 15%
Exams (3): 60% (each weighted equally)
Final Exam 25%

PLEASE NOTE: Attendance at Scheduled Final Exam is REQUIRED!

GRADING RANGE:

94	-	100	A	73	-	75	C
90	-	93	A-	70	-	72	C-
86	-	89	B+	66	-	69	D+
83	-	85	B	63	-	65	D
80	-	82	B-	60	-	62	D-
76	-	79	C+	0	-	59	F

ATTENDANCE:

Class attendance is essential and is expected.

ACADEMIC HONESTY POLICY:

Academic honesty, mutual respect, being on time for class, giving full attention to class work is expected in this course. **Any form of cheating will not be tolerated.** If a student is caught cheating or plagiarizing, an appropriate punishment will be administered, ranging from a failing grade on the specific project/homework/quiz/exam to failure of the course. Academic misconduct is defined in Thomas College Course Catalog, Pg. 47. Excerpts from same are as follows:

Plagiarizing. According to the 2009 *MLA Handbook*, “to *plagiarize* means to ‘to commit literary theft’ and to ‘present as new and original an idea or product derived from an existing source’ (Merriam-Webster’s Collegiate Dictionary [11th ed.; 2003; print]) (52). The *Handbook* continues, “Plagiarism involves two kinds of wrongs, using another person’s ideas, information, or expressions without acknowledging that person’s work constitutes intellectual theft. Passing off another person’s idea’s, information, or expressions as your own to get a better grade or gain some other advantage constitutes fraud.” (52)....

Aiding and abetting plagiarism. Permitting others to use your work.

Recycling your own work. Submitting, without permission, in one course work originally done for another.

Cheating. Copying from another student’s exam paper; permitting others to copy one’s work; bringing unauthorized material to exams; accepting or giving unauthorized assistance on coursework and/or assignments.

SEXUAL MISCONDUCT POLICY

Thomas College faculty are committed to supporting our students and upholding gender equity laws as outlined by Title IX. Please be aware that if you choose to confide in a faculty member regarding an issue of sexual mis-conduct we are obligated to inform the College's Title IX Coordinator, who can assist you in connecting with all possible resources both on- and off-campus. If you would like to speak with someone confidentially, the Counselor, counselor@thomas.edu and the Student Health Center, healthctr@thomas.edu are both confidential resources.

STUDENTS WITH DISABILITIES

Students requiring academic accommodations to be successful in this course are encouraged to arrange a meeting with the Academic Dean as soon as possible. At that meeting, strategies for success will be discussed, as well as any accommodations required for the classroom, which will then be communicated with the instructor.

USE OF ELECTRONIC DEVICES IN THE CLASSROOM:

It is expected that all personal electronic devices (e.g., cell/smart phones, PDA's, MP3 players, cameras, tablets, IPADS, etc.) will be **turned off and packed away during class sessions**. Students may not post ANY material from classes on the internet or other personal networking sites without the explicit, written permission of the instructor and all other class participants. The use of technology in class will be strictly limited to appropriate, course relevant use. All other uses (including, but not limited to, **texting, emailing, instant messaging, and social networking**) are **prohibited** unless specifically approved by the course instructor. Penalties for violation of this policy will result in removal from the class and repeated violations may result in failure of the course. **Personal electronic devices will be collected at the start of class on the day of an exam and will be returned upon receipt of completed exam.**

Students should have both their Thomas computer and Moodle accounts established the first week of class. Please contact IT services to do so if that has not already been established.

ADD/DROP DATES

March 11th is the last day to drop a course for Spring semester 2019.