

Math 186 Syllabus, Spring 2012
Three Rivers Community College

Course: Precalculus - MAT* K 186-T2

CRN: 11628

Time: MW; 4:30-6:10 p.m.

Location: E225

Instructor: Albert Navetta

E-mail: navetta.a@gmail.com

Office Hours: Monday 6:15 pm – 7:30 pm, D205.2, and by appointment.

Text: Precalculus, Mathematics for Calculus, 6th ed. By James Stewart, Lothar Redlin, and Saleem Watson

Course Description: This course prepares students for the study of Calculus I. It is the study of functions, their graphs and applications. The topics include polynomial and rational functions and their graphs, operations on radical expressions, exponential and logarithmic functions, trigonometric functions and their graphs, trigonometric identities, trigonometric applications, matrices, and determinants.

Method of Evaluation:

Exams (3)	
Exam 1	20%
Exam 2	25%
Exam 3 (final ex)	30%
Homework/quizzes	25%

Grade Scale:

Numeric Score	Grade
94-100	A
90-93	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
Below 60	F

No Make-ups: There will be no make-up exams except under extenuating circumstances with arrangements made prior to the exam.

Attendance: Attendance will be taken each class. Regular attendance is expected and will be a factor in evaluating student performance.

Geogebra: [Geogebra](#) is free mathematics educational software and will be used for some assignments during the course. It can be run as an applet (no software installed on your computer), but I strongly recommend installing a copy on your computer as it has many more capabilities when installed. The link is posted on blackboard VISTA.

Withdrawal Policy: Students may withdraw for any reason through May 7. Withdrawal must be in writing at the registrar's office.

Cell Phones: Cell phones and other electronic devices must be turned off and stowed during class. Cell phones, ipads, tablets, or any other electronic device may not be used as calculators. Cell phones or tablets left out or on during exams will be considered a violation of academic integrity and will result in an exam grade of 0.

Calculators: Graphing calculators such as the TI 83/84 are required. I will be using the TI 84, which is essentially equivalent to the TI 83 for the purposes of this class. Most other graphing calculators are acceptable. **IPADS, tablets, and cell phones are not acceptable.** Check with me if you are not sure.

Topics Covered: The following topics will be covered. As time permits, we will cover other sections.

<u>Section(s)</u>	<u>Topic(s)</u>
1.5, 1.7	Fundamentals of Equations and Inequalities
2.1 - 2.7	Functions.
3.1 - 3.7	Polynomial and Rational Functions
4.1 - 4.6	Exponential and Logarithmic Functions
5.1- 5.5	Trigonometric Functions: Unit Circle Approach
6.1 - 6.6	Trigonometric Functions: Right Triangle Approach
7.1- 7.5	Analytic Trigonometry
10.3-10.7	Systems of Equations and Matrices
Others	Discretionary topics if time permits.

Course Schedule: Course schedule will be kept on Blackboard VISTA calendar.

Blackboard VISTA: All assignments and grades will be posted on Blackboard VISTA. Additionally, some course content, assignments, graph paper templates, handouts, will also be posted.

Homework: All homework is to be completed and kept in an organized notebook or folder. Most, if not all homework to be turned in will be in the form of worksheets. Homework should be neat. Most problems should be worked on scratch paper, then cleaned up for turning in. All work must be shown and homework **must be stapled.**

Support Services/Resources:

1. Your text is your primary resource. Read it carefully and **do all examples** in the chapters.
2. TASC is the college's free tutoring and academic success center. Sign up a tutor or drop in as needed to the tutoring center located in C-117 (860-885-2311).
3. I am available for help during office hours, by appointment, and via email.

Academic Integrity: Academic integrity is essential to a useful education. Failure to act with academic integrity severely limits a person's ability to succeed in the classroom and beyond. Furthermore, academic dishonesty erodes the legitimacy of every degree awarded by the College. In this class and in the course of your academic career, present only your own best work; clearly document the sources of the material you use from others; and act at all times with honor.

Disabled Students and Learning Disabilities Support: If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the Disabilities Counseling Services at 383-5240. To avoid any delay in the receipt of accommodations, you should contact the counselor as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received an accommodation letter from the Disabilities Counselor. Your cooperation is appreciated.

Inclement Weather: In the event a decision is made to cancel or delay classes or to close school completely, this decision will be communicated in the following ways:

- The College's main phone number or website (860-886-0177 or www.trcc.commnet.edu)
- Radio and television announcements
- The myCommnet Alert Notification System will be one of several communication means used to deliver important information to students, faculty, and staff regarding weather-related class cancellations. The system delivers both email messages, and text messages over cellular phones to those individuals who are registered. To register, log on to your myCommnet account at <http://my.commnet.edu/> and follow the link to myCommnet Alert OR you can register at <https://www.mir3.com/mycommnet/>. For additional information regarding weather procedures at Three Rivers, please visit <http://www.trcc.commnet.edu/President/Policies/weather.shtml>

Class Cancellation: If class is to be canceled when the school is not closing, I will post the cancellation on Blackboard VISTA.