

MONTGOMERY COLLEGE – ROCKVILLE

Department of Mathematics

Summer I 2011

Precalculus (MA 180) Syllabus

CRN 40116

Tue/Thu 6:00 – 9:30 pm (5/31 – 8/4)

SE 227

Instructor Information:

Professor Ingrid Scott

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Office: 213A Science East

webpage: www.montgomerycollege.edu/~iscott/ma180.html

Telephone: 240-567-5216

Department Fax: 240-567-5182

Office Hours: Tuesdays and Thursdays 5:30 – 6:00 pm or by appointment.

Course Description: An examination of topics from advanced algebra, trigonometry, conics, and functions and applied problems. This course designed to prepare students for MA 181. PREREQUISITES: A grade of C or better in MA 103 and a grade of C or better in MA 105, appropriate score on mathematics assessment test, or consent of department. Assessment levels: EN 101/101A, RD 120. For computation of tuition, this course is equivalent to five semester hours. Five hours each week.

Course Outcomes: www.montgomerycollege.edu/Departments/math/Outcomes/MA180outcomes.pdf

Textbook: *Precalculus Enhanced with Graphing Utilities 5th Edition* by Sullivan & Sullivan

Required Supplies: TI-84/84+ or TI-83+ graphing calculator preferred

Calculator Policy: A graphing calculator is required. Students are not permitted to use a TI-89, TI-92, or similar calculators with computer algebra system capability.

Optional: MathXL access code to complete homework assignments online. www.mathxl.com

The Course ID for this course is: XL00-R1QX-801Y-3EU2

Course Requirements:

Tests: There will be three (3) tests and one cumulative final exam. THERE WILL BE **NO MAKE-UP TESTS** after a test is missed. If a student misses one of the semester tests, then the percentage earned on the final exam will serve as the make-up grade. If a student takes all of the semester tests and the percentage earned on the final exam exceeds the lowest test score, then that test score will be replaced by the final exam percentage. Arrangements to take tests on another day must be made **prior** to the day of the test and all homework assignments must be submitted for review.

Quizzes will be announced. There are **NO MAKEUP QUIZZES**. The lowest two quiz grades will be dropped. The Prerequisites Quiz grade is NOT dropped.

Classwork: Students are expected to come to class prepared with the textbook, graphing calculator, and writing utensil(s). Students must be present in class to receive credit for classwork. Class handouts are available on the course webpage:

www.montgomerycollege.edu/~iscott/ma180.html

Homework: *Do it!* Learning mathematics is an active process - you cannot succeed just by listening or by watching someone else do problems. Homework assignments should be completed as soon as the corresponding sections are covered in class. Students can complete the textbook exercises [see the [Textbook Assignment Sheet](#)] or complete the corresponding exercises in [MathXL](#). Tests, quizzes, and classwork will be based on homework assignments.

Grading Policy and Criteria: Grades will be determined using the following distribution and scale.

		Grade
Tests	45%	A 100 – 90%
Quizzes	20%	B 89 – 80%
Classwork/Homework	5%	C 79 – 70%
Final Exam	30%	D 69 – 60%
		F 59 – 0%

Make-up Policy: There will be no make-up for quizzes or tests once the assessment has been missed. The lowest two quiz grades are dropped. If one test is missed then the zero grade is replaced by the final exam percentage at the end of the semester. Arrangements to take tests/quizzes on another day must be made **prior** to the day of the test/quiz and all related homework assignments must be submitted for review.

Attendance Policy: Regular attendance is expected, encouraged, and critical to the successful completion of this course. Please be aware that student(s) may be dropped if they have accumulated absences whose sum is more than the equivalent of one week's worth of classes. Two late arrivals or early departures are the equivalent of one absence. Students are responsible for assignments made, work covered and announcements made during any absences.

Important Dates:

Tuesday, May 31 st	First day of class
Monday, June 13 th	Last day to change credit/audit
Monday, July 18 th	Last day to withdraw with a grade of <i>W</i>
Thursday, August 4 th	Final Exam (6:30 – 8:30 pm) in SE 227

E-mail Communication Statement: MC student e-mail is an official means of communication for Montgomery College. Students are responsible for information and announcements sent via MC e-mail, and it is expected that students check their student e-mail regularly. When e-mailing an instructor, it is expected that students use their MC student e-mail account.

Math Science Center: The Center is an open space to work and/or seek specialized help. Faculty and student tutors, videotapes and interactive software are available.

Rockville Campus, Math/Science Center, Macklin Tower 02, 240-567-5200,

Hours: Mon. – Thurs. 8am – 8pm, Fri. 8am – 4pm

<http://www.montgomerycollege.edu/Departments/mathscrv/>

Accommodations for Students with Disabilities Statement: Disability Support Services (240-567-5058) Any student who may need an accommodation due to a disability, please make an appointment to see me during my office hour. A letter from Disability Support Services (CB122) authorizing your accommodations will be needed. Any student who may need assistance in the event of an emergency evacuation must identify to the Disability Support Services Office; guidelines for emergency evacuations for individuals with disabilities are found at: www.montgomerycollege.edu/dss/evacprocedures.htm

Academic Regulations & Student Code of Conduct

All MC students are expected to follow “Academic Regulations” & “Student Code of Conduct” as described in the MC Student Handbook. These regulations and guidelines can be found at:

www.montgomerycollege.edu/departments/academicevp/Student_PandP.htm

Inclement Weather

If inclement weather forces the College or any campus or College facility to suspend classes or close, public service announcements will be provided to local radio and television stations as early as possible. You may also call MC at 240-567-5000 or check the college website www.montgomerycollege.edu to verify MC school closings. Any exams planned on days classes are suspended will be administered at the first class meeting once classes resume.

Tentative Schedule

TUESDAYS		THURSDAYS	
5/31	Sections 1.1 – 1.4, Prerequisites Quiz	6/2	Sections 1.5, 2.1 – 2.2
6/7	Section 2.3	6/9	Section 2.4, Review for Test #1
6/14	Test #1 , Section 2.5	6/16	Sections 2.6, 3.1 – 3.4
6/21	Sections 4.1 – 4.2	6/24	Sections 4.3 – 4.4, 3.5
6/28	Section 4.5 – 4.6	7/1	Section A.9, Review for Test #2
7/5	Test #2 , Sections 5.1 – 5.2	7/7	Sections 5.3 – 5.5
7/12	Sections 5.5 – 5.9	7/14	Sections 6.1 – 6.4
7/19	Sections 6.5 - 7.2	7/21	Sections 7.3 – 7.5, Review for Test #3
7/26	Test #3 , Sections 7.7 & 7.8	7/28	Section 8.1 – 8.3
8/2	Section 10.7, Final Exam Review	8/4	Final Exam 6:30 – 8:30 pm