PreCalculus 1060 Syllabus

Spring 2011

1 Introduction

1.1 Goals

The basic goal of this class is preparation for Calculus I. Material includes: numbers, graphs, functions, polynomials, trigonometry, exponential functions, and logarithm functions. There are other possible topics depending on course pace.

1.2 Expectations

You are expected to come to class, but attendance is not taken and is not part of your grade. You are responsible for everything that happens in class. If you miss a class, you are expected to find out what happened, either from me or one of your classmates. You should expect to spend time outside of the classroom on the material; PreCalculus, like most subjects, is learned by doing which means working through problems.

1.3 Homework/Quizzes

Homework will be assigned, but not collected. There will be quizzes each week on Monday that will take a problem or two from the homework assignment. All work must be shown: an answer without an explanation is not worth any credit. It is your responsibility to get help if you have trouble with an assignment. You can come to my office, work with other students, send me email, or use any reasonable method to figure out how to complete your assignments. Please be familiar with UConn's policy on Academic Integrity.
There may also be the occasional take home quiz. The take home quiz will usually be on problems that relate to material, but are a bit more challenging.

1.4 Exam Information

You will have two midterms and a final exam during this semester. The midterms are on February 18th and April 1st .

1.5 A Schedule that Might Change

Week	Material
Jan 17	Section 1.1-1.3
Jan 24	Section 1.4-1.7
Jan 31	Section 1.8-2.2
Feb 07	Section 2.3-2.4
Feb 14	Section 2.5, Midterm I
Feb 21	Section 3.1-3.4
Feb 28	Section 3.5-3.6
Mar 07	Break
Mar 14	Section 4.1-4.4
Mar 21	Section 4.5-4.6
Mar 28	Section 4.7-4.8
Apr 04	Section 4.9, Midterm II
Apr 11	Section 5.1-5.3
Apr 18	Section 5.4, 6.5
Apr 25	Review

1.6 Grading

Quizzes:	30%
Exam 1:	20%
Exam 2:	20%
Final Exam:	30%

2 Some Key Information

Things you might want to know:

Instructor Name:	Whitney Patton
Office:	MSB 301
Office Hours:	Monday: 12-1pm
	Wednesday: 9-10am
	Friday: 12-1pm
Email:	patton@math.uconn.edu
Meeting times:	Section 01 MoWeFr 10-10:50am
	Section 02 MoWeFr 12-12:50pm
Textbook:	PreCalculus 4th Ed. Custom (Custom Ed.) by Faires, DeFranza, Brooks/Cole

3 A Few Policies

1. Unless you are a fire fighter or a paramedic, please turn off your phone during class.
2. The academic dishonesty policy for this course is in accordance with that of University of Connecticut.
3. All work submitted in this class is expected to be your own. While you are encouraged to study with another individual, you must never copy your answer from another person. Even if you discuss how to solve a problem with another person, be certain that you understand the concepts and how to do the problem on your own.
4. All class work must be submitted by the due date and time. If you have an issue with the date and time, please let me know BEFORE the assignment is due and we can chat about an extension.
5. There is one dropped quiz.
6. Students who miss quizzes or tests due to an illness, athletics, or other unexpected emergency should submit a note from an appropriate college official.
7. Respect is important in the classroom. I will have respect for you and your work and in return I would appreciate respect for me and your other classmates. Respectful behaviors include: raising your hands, not doing other classwork during class, and not engaging in other disruptive behaviors.

4 Practice Problems Chapter 1

- 1.2 2-20 even, 28-46 even, 52-72 even
- 1.3 10-62 even
- 1.4 1-8, 10-38 even, 45-50
- 1.6 1-4, 7-10, 16-32 even, 33-36, 41-49, 64, 66, 73
- 1.7 2-18 even, 19, 20, 22-36 even
- 1.8 2-28 even, 29-32, 40
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***PreCalculus*, 4th ed.**
by Douglas Faires, James DeFranza
Cengage (2007), ISBN: 978-0495012696

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Math 1060Q (109Q) - SPRING 2011

Description

MATH 1060Q (109Q) : Precalculus
Description: Preparation for calculus. Review of algebra. Functions and their applications; in particular, polynomials, rational functions, exponentials, logarithms and the trigonometric functions. **Prerequisites:** Recommended preparation: MATH 1010(101) or the equivalent. Not open for credit to students who have passed MATH 1120(112), 1131(115), or 120. Students may not receive credit for this course and MATH 1040(107). **Offered:** Either semester **Credits:** 3

Textbooks for SPRING 2011

- PreCalculus 4th Ed. Custom (Custom Ed.) by Faires/DeFranza, Brooks/Cole (ISBN: 0495439487)