Math 1060Q — PreCalculus — Spring 2014

Text:

Precalculus by Faires and DeFranza (5th Edition), bundled with *WebAssign* code.

You can buy the bundled version of Precalculus by Faires and DeFranza at the UConn Coop or online directly from the publisher. The unbundled version can be obtained in many places but the cost of buying the unbundled text and the WebAssign code separately may be significantly greater.

IMPORTANT!

There are three ways to purchase the text and the WebAssign access code:

- Get the text and WebAssign access code bundled together from the publisher's special website click here.
- Get the text and WebAssign access code bundled together at the UConn Co-op.
- Get the text separately from anywhere, and buy the WebAssign access code when you access your homework through HuskyCT.
- You have free access to WebAssign until February 4, so you can start your assignments immediately. You must purchase access (through one of the three methods above) by February 4.

Calculators: No calculator is needed or allowed for this course.

Homework and WebAssign:

Homework: To access the homework you will have to go through Huksy CT single sign-on. In your account you will find a link to do your homework using WebAssign. There will be 3-4 homework assignments per week. Each assignment will be made available on WebAssign several days before the section is covered in class. The due date for each assignment will be set by your instructor and will generally be two or three days after the material is covered in class. **You will get two attempts for multiple choice question and four attempts for each question that is not multiple choice.** After each attempt, you will be told whether your answer is correct or not. If you are not able to get the correct answer after your initial attempts, we recommend that you seek help from your instructor, the Q-Center, a tutor, or another student.

WebAssign Registration: The homework for Math 1060 is assigned online using the WebAssign online homework system. To access your homework online you must go to Husky CT.

Q&A Discussion Board:

You can access the class discussion board here.

Grading:

Homework	WebAssign	10%
Quizzes	In-class	10%
Worksheets	In-class/HW	10%
Exam 1: (Tuesday March 4, 6-8 PM or 9-11 pm)	Common evening exam	20%
Exam 2: (Tuesday April 15, 6-8 PM or 9-11 pm)	Common evening exam	20%
Final Exam: (TBA)	Common (2 hours)	30%

The **common midterm exams** will be held on Tuesday (3/4/2013 and 4/15/2013) 6-8 PM or 9 -11 PM in rooms that will be listed here later. The dates and times are listed in PeopleSoft, but not the rooms.

Some tips:

- If you've taken precalculus before, be warned -- this course is harder. We will cover more, and it will be more in-depth, than what you've done before.
- Don't miss class! Each day builds on the previous days, so if you miss class, you get behind very quickly. If you do get sick or have to miss class, talk to your classmates and instructor to catch up before the next class.
- Watch videos and do worksheets (mathresources.uconn.edu/math1060). The videos and worksheets cover some of the most difficult and/or critical concepts.

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Tentative Outline for Math 1060 - Spring 2014

(*PreCalculus,* by Faires and DeFranza 5th Edition)

Below is a tentative schedule for the class. Some sections will take more time than anticipated, and some will take less. Make sure to check WebAssign for due dates of homework assignments.

Week	Date	Section	Topic	Learning Activities
1	1/20	MLK Day	No Class	
		n/a	Algebra Review - Fractions, Factoring, Simplification	(Worksheet/Probs Only)
		n/a	Algebra Review - Rules of Exponents, Solving Equations	(Worksheet/Probs Only) (Worksheet/Probs Only)
2	1/27	1.4	Solving Inequalities and Interval Notation, Absolute Value	(Worksheet/Probs Only) (Worksheet/Probs Only)
		1.6	Functions	(Worksheet/Probs Only)
		1.6	Functions, Again	
3	2/3	1.7, 1.8	Linear and Quadratic Functions	
		1.8, 2.2	More Quadratic Functions, Absolute Value and Square Root Functions	(Worksheet/Probs Only)
		5.2	Exponential Functions	
4	2/10	2.3, 2.4	Combinations of Functions, Part I	
		2.3, 2.4	Combinations of Functions, Part II	(Worksheet/Probs Only)
		2.5	Inverse Functions, Part I	
5	2/17	2.5, 5.3	Inverse Functions, Part II	(Worksheet/Probs Only)
		5.3, 3.2	Logarithmic Functions, Polynomials	(Worksheet/Probs Only)
		3.3	Polynomial Division	
6	2/24	3.4	Rational Functions, Part I	
		3.4	Rational Functions, Part II	(Worksheet/Probs Only)
		n/a	Applications	
7	3/3	n/a	Review	
	3/4		**Exam I**	

Week	Date	Section	Topic	Learning Activities
		4.2, 4.3	Introduction to the Unit Circle	(Worksheet/Probs Only)
		4.4	Sine and Cosine	
8	3/10	4.6	Other Trigonometric Functions	
		4.5, 4.6	Graphs of Trigonometric Functions	
		4.4	Solving Trig Equations, Part I	(Worksheet/Probs Only)
	3/17		*Spring Break*	
9	3/24	n/a	Applications of Trigonometry	
		n/a	More Applications of Trig	
		4.8	Inverse Trigonometric Functions Part I	
10	3/31	4.8	Inverse Trigonometric Functions Part II	(Worksheet/Probs Only)
		4.6	Solving Trig Equations, Part II	(Worksheet/Probs Only)
		n/a	More Applications of Trigonometry	
11	4/7	4.7	Trigonometric Identities	
		4.7	Solving Trig Equations, Part III	(Worksheet/Probs Only)
		n/a	Review	
12	4/14	n/a	Review	
	4/15		**Exam II**	
		5.3	More on Logarithmic Functions	(Worksheet/Probs Only)
		5.2, 5.3	Solving Equations with Exponentials and Logs, Part I	(Worksheet/Probs Only)
13	4/21	5.3	Solving Equations with Exponentials and Logs, Part II	
		5.4	Exponential Growth and Decay	
		5.4	Exponential Growth and Decay	(Worksheet/Probs Only)
14	4/28	n/a	Review	
		n/a	Review	
		n/a	Review	
			Final Exam	