

Syllabus for Mathematics 112 Winter 2007

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CLASS MEETS
MWF 3-4:10 AA 101

Dr. Kruczek's **OFFICE HOURS & SCHEDULE**

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9-10		<i>Office Hour</i>	<i>Office Hour</i>	USUALLY NOT ON CAMPUS	
10-11	Math 212	Math 212	Math 212		Math 212
11- 12	<i>Office Hour</i>				<i>Office Hour</i>
12 - 1	Math 355		Math 355		Math 355
1 - 2					<i>Office Hour</i>
2-3	<i>Office Hour</i>		<i>Office Hour</i>		
3-4:10	Math 112		Math 112		Math 112

Office hours are for you, so please introduce yourself in more detail to me and feel free to drop by for help. At times other than my listed office hours you are welcome and encouraged to call or email me with questions about the course

PREREQUISITES: MTH 111 with grade C- or better or consent of instructor.

REQUIRED COURSE MATERIALS

Text: **Precalculus** John W. Coburn

Calculator: A scientific calculator is required for this course. A TI-83/84/89 is highly recommended. Please see me if you are purchasing a new calculator.

COURSE STRUCTURE: Classes will be a mix of an interactive lecture, activities and problem solving sessions.

COURSE CONTENT: This course is designed as a second course in Precalculus. The main topics covered will be triangular and circular trigonometry, vectors, simultaneous equations, complex numbers and polar coordinates. The main goals of the course will be:

- Gain an understanding of trigonometry
- Develop an appreciation of the power of mathematics to solve real-life problems

READING THE TEXT

You will be expected to carefully and completely read each (assigned) section in your textbook. It is a good idea to briefly read the assigned section before class and then to carefully read the section before you start your homework. You might find it very helpful to write out the examples in the text as well as to just read the examples. If you carefully write out the examples and work out all of the steps you will find that you have a deeper understanding of the material. You may ask questions about the text both in class and during office hours.

ATTENDANCE

Daily attendance is required for your success in this course. If you miss class, it is your responsibility to ask a classmate for notes on the material that you have missed. I will not have discussion notes available if you have missed class, nor will I repeat my discussion during office hours.

EXAMS

There will be two mid-term exams in this course and one final (which is cumulative). All exams will be timed exams. Makeup or early exams will only be given in the case of a documented emergency or university sanctioned absence from class. Prior notification and my agreement are required.

SKILLS QUIZZES

You will be given seven skill quizzes throughout the quarter. These will be 2-3 questions per quiz. **In order to get above a C- in this class, you must get 100% on 5 of these 7 quizzes. You may retake quizzes until you get 100%.** The questions on these quizzes are on the easy-medium difficulty level. **HOMEWORK:** There will be two types of homework given in class: Text Homework problems and Problems of the Week.

TEXT PROBLEMS HOMEWORK

- Homework problems from our textbook will be assigned daily. These homework assignments will be collected on the day of a quiz. An unspecified number of problems will be selected each week to be graded in depth.
- Only a subset of the **bold** face problems will be graded.
- For each problem graded in the HW, you will be given a 1 (completely right), $\frac{1}{2}$ (minor error), or a 0 (major error). There will also be a completeness score given for the HW, which will be based on how complete the HW looks.
- Completing your homework in a timely fashion will be integral to your success in this course. Exams will be based on homework problems and in-class activities. You will find that if you do not do all of your homework, you will not succeed in learning the material covered in this course.

PROBLEMS OF THE WEEK

Approximately every other week, you will be assigned a special problem that will help us focus on problem solving using precalculus. More detailed information will be provided with the problem assignments.

COURSE GRADING

- Attendance and in-class participation are required. Documented (written) excuses for illness, etc. will be accepted for missed classes and/or late work. Notification must be prompt and in advance.

2 Midterm Exams	40%
Text Problems Homework and Quizzes	20%
Problems of the Week	5%
Attendance	5%
Final Exam	30%

APPROPRIATE CLASSROOM BEHAVIOR

You are ultimately responsible for your own attendance and performance. Proscribed Conduct for all students is described in the University Catalog. In particular for this course any student found cheating on an exam or copying from another student's exam paper will receive a zero score on that exam.

LATE WORK POLICY

Your work is due by 4:10p.m. on the due date. All due items may be turned in, unexcused, 1 class day late (by 3p.m.) for 75% credit or 2 class days (by 3 p.m.) late for 50% credit. There will be NO credit for assignments more than 2 class days late. Any item turned in after 4:10p.m. on a due date will be considered late. No exceptions!

LEARNING DISABILITIES

If you have a documented learning disability, please talk to me during the first few days of class, I will be more than happy to accommodate you in any way that I can. If you have a documented disability which requires any academic accommodations, you must go to the Office of Disability Services (ODS) for appropriate coordination of your accommodations. You can drop by APSC 405 or contact ODS at (503) 838-8250 (V,TTY) to schedule an appointment.

INCOMPLETE POLICY: An Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents him/her from completing the course.

GRADING SCALE FOR THIS COURSE (ASSUMING YOU HAVE PASSED 5 OF THE 7 SKILLS QUIZZES)

(Total % for the course, usual rounding rules apply)

%	Grade	%	Grade	%	Grade	%	Grade	%	Grade
93 - 100	A	90 - 92	A-	87 - 89	B+	83 - 86	B	80 - 82	B-
%	Grade	%	Grade	%	Grade	%	Grade	%	Grade
77 - 79	C+	73 - 76	C	70 - 72	C-	60 - 69	D	Below 60	F