

<p style="text-align: center;">Math 112</p> <p style="text-align: center;">Introduction to College</p> <p style="text-align: center;">Math II</p>
--

CRN	61949
Credits	4
Day	MW
Time	18:40-20:30
Location:	NH 364

Instructor

: Mark Parrish

E-mail: mark@markparrish.net

Phone: 503-317-3222

Office: NH 360

Office Hours: 5:00-6:00 MW

Website: <http://markparrish.net>

Course Objectives: Topics investigated graphically, numerically, symbolically, and verbally and include: trigonometric functions and their graphs, trigonometric equations and identities, solution of right and oblique triangles, vectors, polar coordinates, and parametric equations. This course is meant to serve as an important preparation for the calculus sequence.

Text: *Precalculus with Modeling and visualization*, Gary Rockswold

Graphing Calculators: A graphing calculator is required. The TI86 or the TI89 is recommended, although the use of all calculators will be discussed. The use of cell phone calculators will not be permitted on any exam.

Attendance and Expectations: Although attendance is not recorded, you are expected to attend class everyday. Plan to spend at least 2 hours studying outside of class for each hour spent in class. That is approximately 6 hours a week. This time should be spent doing the homework and also reading the appropriate sections in the text before coming to class.

Course Website: There is a website for this course which can be found by following the “courses” link on my personal website <http://markparrish.net>. On this site I post solutions to exams, reviews for exams, homework assignments, and links that you may find useful to succeed in this class. This semester I will also be posting your grades on my website. (You will each be given a password to log into your personal grades sometime next week.)

Grading:

Activity	#	Individual Points	Total Value
quizzes	8	25	200
Midterm Exam	2	200	400
Final Exam	1	250	250
Class Project	1	150	150
Total			1000

Grade Scale:

Grade	Total Points
A	≥ 900
B	$\geq 800 \leq 899$
C	$\geq 700 \leq 799$
D	$\geq 600 \leq 699$
F	<600

Homework: Homework will be assigned at the beginning of each week on my website. A small amount of class time (10 minutes) will be used to discuss problems from the previous day's homework. If you have more questions then can be discussed during class time you re strongly encouraged to attend my office hours or use the tutoring center. Homework will not be collected but exact homework questions will be asked on the weekly quizzes.

Hw week #1-Quiz 4/06/09

Section	Homework
6.1	1,8,11,35,40,44,47,50,63,78,81,85,99
6.2	1-18,22,25,33,34,50,53,60,62,68,81

Quizzes: Each Monday there will be a short quiz (fifteen minutes) covering the previous weeks homework assignments. The questions will be exact or extremely similar questions assigned in your homework. The quizzes are closed book but you will be allowed to use your completed homework assignments. Solutions to the quizzes are posted by the next day of class therefore no make-up quizzes are allowed.

Tests and Exams: There will be three tests; two midterms and a final comprehensive examination. All tests and exams will be closed note and book. Reviews for the exam are posted on my website one week before the exam. Calculators are permitted on each test. Missed tests and exams may not be made up unless the instructor is notified in advance and alternative arrangements are made.

Class Project: At the end of Chapter 6 a class project will be assigned relating to the material that has been covered up to that point. You will be encouraged to work with one other student on this assignment. More details on this project will be given as needed.

Disabilities: If you have a disability and need accommodation, please make arrangements through PSU's Disability Services at 503-725-4150.

Final Note: Should I find a reason to change any information listed here. I will make an announcement in class. Changes may include exam dates. It is your responsibility to be aware of these changes.

Tentative Schedule:

Class #	Date	Section	Topic	Notes
1	03/30/09		6.1 Angles and their Measure	
2	04/01/09		6.2 Right Triangle Trigonometry	
3	04/06/09		6.3 Sine and Cosine Functions	Quiz 1
4	04/08/09		6.4 Other Trig Functions	
5	04/13/09		6.5 Graphing Trig Functions	
6	04/15/09		6.6 Inverse Trig Functions	Quiz 2
7	04/20/09		class project	
8	04/22/09	Exam 1	Review/Exam	
9	04/27/09		7.1 Trig Identities	Quiz 3
10	04/29/09		7.2 Verifying Identities	
11	05/04/09		7.3 Trig Equations	Quiz 4
12	05/06/09		7.4 Sum and Difference Formulas	
13	05/11/09		7.5 Multiple Angle Formulas	Quiz 5
14	05/13/09	Exam2	Review/Exam	
15	05/18/09		8.1 Laws of Sine	Quiz 6
16	05/20/09		8.2 Laws of Cosine	
17	05/25/09		8.3 Vectors	Quiz7
18	05/27/09		8.4 Parametric Equations	