

## SYLLABUS

Class Hours: Tuesday & Thursday 1:00 p.m. 2:15 p.m.  
Room No: PHY 76  
Class No: 54934

Instructor: Sharon Owens  
Phone: 638-3641 ex-3497  
Office: FEM 4D  
Office Hours: Tuesday, Wednesday, and Friday: 10:00 a.m. - 10:50 a.m.  
or by appointment

**Course Objectives:**

Students will become proficient in following subjects and be prepared for Pre-calculus, and all other courses that have Trigonometry as prerequisite: general angles, trigonometric functions, equations, identities, graphs, and inverse trigonometric functions.

**Course Prerequisite:**

Plane Geometry (MATH 2) and Intermediate Algebra (MATH 3) or equivalent.

**Textbook:**

McKeague, Trigonometry, Fourth Edition, Saunders College Publishing.

**Calculator:**

The TI-83 or TI-82 Graphing calculators are highly recommended. A TI-82 will be used in the class for demonstration.

**Homework and assignments:**

Assignments are given for each of the sections presented in this course. The assignments vary in length depending the material cover in class. Assignments provide students with the necessary practice to acquire the skills taught in the course. Consistent and timely completion of written assignments is absolutely essential to the successful completion of the course. **Late assignments are NOT accepted.**

Each homework worth **20 points** and will be graded on **completeness, neatness, and effort** of the entire assignment. Homework should be done on 8.5" by 11" lined paper, stapled on the upper left hand corner, with class number, your name, and chapter/section number on the upper right hand corner.

To gain maximum benefit from the class, all text material should be read prior to the meeting the instructor presents the material. The assignments should be completed after the material has been presented in class and prior to the next class meeting.

**Attendance:**

Students are expected to attend all class meetings, be on time, and be in class the **entire** class session. Students leaving the class before the end of class will be counted as being absent. Your classmates and I would greatly appreciate that you take care of your personal needs (i.e., using the restroom, getting a drink... etc.) **before** the class begins.

Students may be dropped from this class if they fail to attend the first class session of the semester. Any student who misses **five** classes or more may be dropped from this class. College policies on attendance may be found in the Reedley College Class Schedule.

**Cooperative Learning Groups:**

You will do some of the work of this course in cooperative learning groups. It seems to work best if there are four students in each group. You will be working with your small group on in-class activities, homework problems, and sometimes during quizzes.

Working well in a group is an important skill which can be learned. Some of you may enjoy the group work more than others. After graduation, most of you will probably be working in jobs which will require you to function as a member of a project team. In this course, group work

- gives you an opportunity to talk about the mathematical ideas we are studying,
- provides moral support while you are working on problems, and
- offers you an opportunity to practice skills in working effectively as part of a team.

Working with your group is very important to your understanding the material in the course. Group activities include working cooperatively with each other in the group on assignments, presenting solutions for problems to the class, and answering questions on current topics.

**Quizzes:**

There will be **unannounced** short quizzes (i.e. 5 - 10 minutes) in the class. Each quiz worth **ten points**. There are **no** makeup quizzes, so attendance is very important.

**Tests:**

There are chapter tests at end of each chapter which worth **100** points each. Early tests can be arranged with a **very good** reason. A more **difficult** late test can only be arranged if you have an excuse verified by an impartial party (i.e. a doctor or a court clerk).

**Grading:**

70% of your final grade points are from the average test score (including the final examination)

20% of your final grade points are from the average of homework

10% of your final grade points are from the average of quizzes

Final grade is assigned using following scale:

90-100 points	A
80- 89 points	B
70- 79 points	C
60- 69 points	D
< 60 points	F

**Important Dates:**

Class begin:	Tuesday	01/11/2000	
Drop deadline date:	Friday	03/10/2000	
No classes:	4/17- 4/22	(Spring Break)	
Final Examine:	Tuesday	05/16/2000	1:00 p.m. – 3:00 p.m.