Math 112 - Spring 2017 Syllabus

Professor:	Dr. Nathan Wetzel		Office:	SCI D352
Office Hours	T RF	9-9:50 pm	Phone:	x4127
	M W	1-1:50 pm		
	or by arrangement			
Classroom times	Math 355 (SCI A202)	TWRF	8 - 8:50am	
	Math 355 (SCI A202)	TWRF	11 - 11:50am	
	Math 112 (SCI D228)	MTWR	2 - 2:50pm	

Text: Trigonometry, 9th Ed. by Larson and Hostetler

Supplemental Material:

Calculators and Computers: A scientific calculator will be necessary in this course (one which calculates, sines, and cosines). Some quizzes and/or parts of exam may require a calculator. Other parts might now allow calculator use. A graphing calculator is recommended, however a calculator with a computer algebra system (for example a TI-92 or TI-Nspire CAS) is prohibitted.

Prerequisites: Math 100 or a suitable placement test.

Course Goals: Students are expected to understand trigonometric concepts. We will cover most of the first 3 chapters of our text. Chapter 1 - *Trigonometry*, Chapter 2 - *Analytic Trigonometry*, and Chapter 3 - *Additional Topics in Trigonometry*. Critical understanding of the concepts will be necessary. Extra material may be discussed and when necessary, notes will be distributed. Thinking is required.

Evaluation: We will have two in-class exams and one final exam. We will also have approximately 5 scheduled quizzes. Attendance is expected at every class meeting. It is the student's responsibility for making prompt arrangements with the instructor for making up assigned work.

As with most math courses, it is very important to DO problems. As a student, **your** responsibility is first, to seriously attempt to do all of the problems. If you succeed at all of them, go surf the Internet, play a video game, or study for another class. (I put this in here so that you will know that I don't assume that this is your only class - it will only seem like I assume this.) However, if you identify difficulties, your second responsibility is to resolve the difficulties with help from the text, friends, me, etc.

Most days I will give a list of suggested problems. At a *minimum*, you should do these. If you want comments and/or corrections on a particular problem, hand it in to me and I will correct it. **Extra Credit:** You may choose to hand-in your solutions to these suggested problems. I will choose a few problems and grade them (out of 0.5 points). These points will be added to your score on the next test however, the maximum number of points that you can add is $(100 - \text{your score})/5$. Points accumulated after Test 2 will be added to the final. I DO NOT want to see solutions which are copied from the back of the book (BOB). Extra credit problems are typically due two class periods after appearing on the board and will **not** be accepted late. This extra credit policy is subject to change.

Grading: Grades will be based on the following percentages Quizzes - 28%, Tests - 36% (18% each), Final - 36%. A weighted average will be computed and if it is $\geq 93\%$ then the grade will be an A, if it is $\geq 90\%$, then the grade will be at least an A-, if it is $\geq 87\%$, then the grade will be at least an B+, if it is $\geq 83\%$, then the grade will be at least an B, if it is $\geq 80\%$, then the grade will be at least an B-, etc.

The instructor reserves the right to exercise discretion in raising a student's grade if he feels that the final weighted average does not properly reflect the quality of a student's work. The instructor will not use discretionary judgments to lower a student's final grade. Exceptions to the grading policy above will only be considered if submitted in writing and verbally before the drop deadline. For example, you may petition to submit an essay which would substitute for part of the second test, but this should be done before the second test.

Incompletes: A grade of incomplete may be given when circumstances arise which are beyond the student's control and the student is unable to complete the course AND the student is passing when the circumstances arise.

HELP: The MATHROOM (SCI A113A) provides help for students in this course.

General Course Policies:

1. Tests and quizzes must be ONLY your own work. I encourage you to work together on home-works (unless otherwise specified), but the material you turn in must be your own. Duplicate copies will have their score divided by the number of copies.

2. My general policy is not to allow make-up tests or quizzes. An exception *may* be made provided you make your request in advance of the test or quiz. In "emergency" situations call the department office (x2120) BEFORE the test. Exceptions may be made in extreme circumstances. You must be prepared to document your absence.

3. Appeal of grading should be submitted in writing within 5 days of receiving the evaluation.

4. Special consideration may be made for students with disabilities. See http://www.uwsp.edu/disability/

5. UWSP Community Rights and Responsibilities can be found at the For Students section of the Dean of Students website http://www.uwsp.edu/dos/Pages/default.aspx

6. Pagers and cell phones should be turned off during class time. The instructor considers texting during class time to be rude. Earphones/buds may **not** be used during a quiz, test or exam. Smartwatches must be stowed in your book bag during tests and quizzes.

7. Copyright and File Sharing: Posting instructor-created course material onto course-sharing websites directly violates the instructor's copyright on his/her academic materials. These materials are provided for your convenience as an aid to learning. Permission to post instructor-created material on any such site is unequivocally denied.

Suggestions:

Read the book.
This means think as you read
Attend class.
Keep up on the problems.
Ask Questions before class.
Ask Questions during class.
Ask Questions after class.
Ask Questions of classmates.
DO NOT fall behind

Tentative Calendar

Week	Mon	Tues	Wed	Thur
week of Jan 23				Quiz 1
week of Jan 30				Quiz 2
week of Feb 6				Test 1
week of Feb 13				Quiz 3
week of Feb 20				Test 2
week of Feb 27				Quiz 4
week of Mar 6				Quiz 5
week of Mar 13				Final Exam

Questions and/or homework may be submitted with e-mail to *nwetzel@uwsp.edu*