

Math 119 - Fall 2022 Syllabus

Professor:	Dr. Nathan Wetzel			Office:	SCI D352
Office Hours	M W F	9 - 9:50 am		Department phone:	715 346-2120
	T R	11 - 11:50 am			
	or by arrangement email nwetzel@uwsp.edu to get a Zoom link.				
Classroom times	Math 255 (SCI A202)	MT RF	8 - 8:50 am		
	Math 119 (SCI A208)	MT RF	10 - 10:50 am		
	Math 255 (SCI A202)	MT RF	1 - 1:50 pm		

Supplemental Material: The chapters on trigonometry in any Precalculus text will be helpful. See the UWSP library.

Calculators and Computers: A graphing calculator will be necessary in this course and should be used on exams.

Prerequisites: Math 107 or a suitable placement test.

Course Goals: Students are expected to understand trigonometric concepts. We will cover the chapters 5, 6 and 7 of our text. Chapter 5 - *Trigonometric Functions: Unit Circle Approach*, Chapter 6 - *Trigonometric Functions : Right Triangle Approach*, and Chapter 7 - *Analytic Trigonometry*. If time allows, we will cover parts of Chapter 8 and Chapter 9 - specifically polar coordinates and/or vectors. 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 1 "Pre-req" online Canvas quiz and approximately 5? scheduled quizzes. At this point, we will not have homework assignments to hand-in. This may change. 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. Late assignments will have a 10% reduction in points for each weekday late and after 5 days will be given a 0.

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 and Hand-in Homework (if used) - 20%, Tests - 50% (25% each) , Final - 30%. 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. My opinions is that it should be a CHALLENGE to get an A.

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 TLC STEM Tutoring (Room TBA) 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 homework (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. Without advanced notice, my policy is not to allow make-up tests or quizzes. An exception *is likely* to be made, provided you make your request in advance of the test or quiz. In "emergency" situations call the department office (715 346-2120) **BEFORE** the test. 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>
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 stored 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	Thur	Fri
week of Sept 5	No Class			
week of Sept 12	Quiz 1			Quiz 2
week of Sept 19		Test 1		
week of Sept 26		Quiz 3		
week of Oct 3		Quiz 4		
week of Oct 10		Test 2		
week of Oct 17		Quiz 5		
week of Oct 24				Final

The final will cover all of the topics listed in Course Goals.

Questions and/or homework may be submitted with e-mail to nwetzl@uwsp.edu. For homework, a pdf file is required.