

Math 119, Precalculus Trigonometry, Sec. 1

Spring 2017 Syllabus

Professor Cindy McCabe Office: D354 Science Building Phone: 715-346-2085 Email: cmccabe@uwsp.edu www.uwsp.edu/mathsci	Office Hours 10:00-10:50 Mon. & Fri. 12:00-12:50 Tuesdays 1:00-1:50pm Thursdays 2:00-2:50pm Wednesdays <i>or by appointment</i>	Class Meets: 11:00 – 11:50am Mon, Wed, Thurs, Fri Jan. 23 – March 17 Science A207
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Course Materials

Text (rental): *Precalculus: Mathematics for Calculus*, 7th Edition, by Stewart, Redlin, & Watson (Publisher Cengage), ISBN 978-1-305-07175-9. Topics include most of Chapters 5-7.

Clicker (lease): This class uses Clickers to do interactive polling.
 See details on the last page of this syllabus.

Purchase Item: An access code for the online homework system *WebAssign*. You may want to wait and hear about the free trial period which will be discussed in class first.

Calculators: Daily access to a graphing calculator is required. Sharing is not permitted.
 Recommended calculators are the TI-83 or TI-84 models.

Computers, phones, smartwatches, and any connected device are not allowed during exams or quizzes. They must be stowed out of sight, set to a silent mode, and not used at these times.

Prerequisite: Math 100 or suitable placement score (May not earn credit in both 112 and 119)

Objectives for students in this course: To be able to think and communicate better mathematically through the study of trigonometry. To gain a basic understanding of most of the topics in Chapters 5 – 7 of the text, including a unit circle approach to trig functions, properties of trig and inverse trig functions, trigonometric identities and equations, right triangle trig, and the law of sines and of cosines. To become prepared to use trigonometric ideas in calculus classes.

Evaluation: Your final course grade will be determined by the following:

- 28 points for clicker questions (14 days at 2 pts/day, plus at least 2 extra days)
- 42 points for homework and in-class work (3 pts each, highest 14 scores)
- 70 points for regular quizzes (2 at 35 pts each, on Th. *Feb. 2* and Th. *Feb. 23*)
- 20 points for the unit circle quiz
- 100 points for Exam 1 (in-class on Fri. *Feb. 10*)
- 100 points for Exam 2 (in-class on Wed. *Mar. 1*)
- 40 points for Part I of the Final Exam (in-class on Fri. *Mar. 10*)
- 90 points for Part II of the Final Exam (in-class on Fri. *Mar. 17*)

Total: 490 points for this course

Course Grades at or above	93.3	90	86.7	83.3	80	76.7	73.3	70	66.7	60	%
will receive at least a grade of	457	441	425	408	392	375	359	343	326	294	Points
	A	A -	B +	B	B -	C +	C	C -	D +	D	

I reserve the right to exercise discretion in raising a student's grade if the final weighted average does not appear to reflect the quality of a student's work (for example, because of one low exam score early in the course). I will not use discretionary judgments to lower a student's final grade.

A Unit Circle Quiz will take place during the second week of class. Two regular **quizzes** and all **exams** have set dates, listed in the schedule.

Almost every day, a list of **homework** exercises will be assigned. Most or all of them are to be done online in WebAssign. Each of these will be a *minimal* list of exercises which you need to understand in order to do well in this course. Homework is extremely important to your learning process, so make sure you stay on top of it and ask questions on whatever you don't understand.

For grading, there will be **homework checks** twice each week. If not all exercises from the daily assignments are available online, there will be a small number which must be done on paper. Usually, your score on a homework check (considering your WebAssign work, your work on paper, and your in-class contributions) will be based on evaluations of *satisfactory*, *partially complete*, or *not done*. These homework checks and other in-class work such as worksheets will be worth up to three points each. The top 14 scores will be used in your course grade, leaving at least three extras for days you had to miss class or come to class unprepared.

Also, we will use **clickers** in class, often three days each week, with questions to check your knowledge and comprehension. Two points will be recorded for each correct response you give, and 1.6 points for each incorrect response. At the end of each day we use clickers, your points for each question asked will be averaged and a score out of 2 points will go in the grade book. There will be at least 17 days on which you can receive points for clicker questions, which means there are at least **two extra days** to cover days you missed or days you did not have a functioning clicker, or to make up for days with lower scores.

I do not anticipate other graded items, but if any arise, they will be announced in class and the course points will be adjusted.

Attendance is expected at every class meeting. It is the student's responsibility to make prompt arrangements with the professor for finding out what was missed and for making up any assigned work in the case of an absence. Quizzes and exams may not be made up unless arranged with the professor ahead of time, and then only for sufficient reason. If a dire emergency occurs, contact the professor or the Dean of Students as soon as possible.

Weekly Schedule – Spring 2017

Week	Approximate text sections to discuss this week	Events this week
Jan. 23 – 27	Review, 5.1 – 5.3	
Jan. 30 – Feb. 3	5.3 – 5.5	Unit Circle Quiz Monday & Quiz 1 Thursday
Feb. 6 – 10	5.5, 5.6, Review	Exam 1 Friday, Feb. 10
Feb. 13 – 17	6.1 – 6.3	
Feb. 20 – 24	6.4 – 6.6	Quiz 2 Thursday
Feb. 27 – Mar. 3	Review, 7.1, 7.2	Exam 2 Wednesday, Mar. 1
Mar. 6 – 10	7.2 – 7.4	Final Exam Part I on Friday
Mar. 13 – 17	7.4, 7.5, Review	Final Exam Part II on Friday

Support is available.

- 1) Ask questions as they arise. Come to see me before or after class, stop by during my office hours, or schedule an appointment with me for another time. One of the great parts of my job is working with conscientious students!
- 2) Tutoring services are available also. The Math Help Room offers free drop-in tutoring in SCI A113A. Their regular hours are 9:00am – 4:00pm and 7:00 – 9:00pm, Monday through Thursday. There may also be tutoring available for our course through the UWSP Tutoring-Learning Center in room 018 of the ALB.

Desire to Learn (D2L): Homework assignments, grade information, and other class announcements can be found on the web in Desire to Learn (D2L), <http://www.uwsp.edu/d2l/Pages/default.aspx> . To access D2L, use your regular campus logon ID and password, and then click on our course: PRE-CALCULUS TRIG... under SEM II 2016-17.

For information on **accommodations** available to students with disabilities, visit the Disability and Assistive Technology Center in room 609 of the Learning Resources Center (715-346-3365) or their website: <http://www.uwsp.edu/disability/Pages/default.aspx>.

All students are expected to know the UWSP student **responsibilities** found on the Dean of Students webpage. Academic Concerns are available at the link below. Information on Conduct Concerns and on Personal Concerns are also available on the Dean of Students site. <http://www.uwsp.edu/dos/Pages/Academic-Concerns%20for%20Students.aspx>.

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.



More details on Clickers: This class uses “Clickers” to do interactive polling. You are required to lease a clicker from the UWSP Help Desk for the semester. This semester lease fee (of about \$9) will be added to your UWSP student bill. *Your clicker may be used in any class that requires clickers for the semester. You do not need to lease more than one clicker in a single semester.*

You will need to have your **UWSP Student ID** with you in order to lease a clicker.

Clickers are available for check-out at UWSP’s IT Service Desk, located in room 027 in the basement of the ALB (the campus library, formerly called the LRC).
For their hours, see <http://www.uwsp.edu/infotech/Pages/ServiceDesk/default.aspx> .

Please bring your clicker to class every day except on exam days.

Returning clickers: Clickers must be returned to the IT Service Desk before the end of finals week. I recommend you return it before Spring Break if this is the only class in which you use it. Students with unreturned clickers will be billed a late fee and/or may be billed the replacement cost of the clicker.

