

Math 119, Precalculus Trigonometry, Sec. 2

Spring 2018 Syllabus

Professor Cindy McCabe Office: D354 Science Building Phone: 715-346-2085 Email: cmccabe@uwsp.edu www.uwsp.edu/mathsci	Office Hours 2:00 – 2:50pm Mondays 9:00 – 9:50am Tues & Thurs 1:00 – 1:50pm Wednesdays <i>or by appointment</i>	Class Meets: 11:00 – 11:50am Tuesdays & Thursdays Jan. 23 – May 10 Science A225
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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.

Optional Purchase Item: An access code for online homework in *WebAssign* for under \$50. Please wait before purchasing until you hear about the free trial period to be discussed in class.

Calculators: A scientific calculator or a graphing calculator is required and should be brought to class daily. I recommend a graphing calculator like the TI-83 or TI-84. You may not share resources during exams since I want to know what you can do and allow each of you to show what you can do. Computers, phones, smartwatches, and devices with internet access 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.

Desire to Learn (D2L): Homework assignments, course grade information, and other class announcements will be in Desire to Learn (D2L), <http://www.uwsp.edu/d2l/Pages/default.aspx>. To access D2L, use your regular campus login ID and password.

Prerequisite: Math 100 or Math 107 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 become prepared to use trigonometric ideas in calculus classes. 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 trigonometry, the law of sines, and the law of cosines.



Evaluation: Course grades will be determined by the following:

- 51 points for homework and in-class work (3 pts each, highest 17 scores)
- 100 points for regular quizzes (best 5 at 20 pts each; lowest score is dropped)
- 19 points for the unit circle quiz
- 100 points for Exam 1 (in-class on Thurs. *March 1*)
- 100 points for Exam 2 (in-class on Thurs. *April 12*)
- 130 points for the Final Exam (*Monday, May 14, 12:30-2:30pm*)

Total: 500 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	467	450	433	416	400	383	366	350	333	300	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. Six regular **quizzes** and all **exams** have set dates, listed in the schedule.

Almost every day, a list of **homework** exercises will be assigned in class. Students have the option of doing some of the exercises online in *WebAssign* and some on paper, or doing all of them on paper. When you are doing homework, either in *WebAssign* or from the text, take notes or do some work on paper for almost every exercise. Then bring that work to class so you are ready for discussions.

Each assignment 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.

There will be **homework checks** at the beginning of class on most days **and other in-class activities** on some days. Usually, your score out of 3 points for in-class work for one day will be based on evaluations of *Solid performance – 3 points*, *Substantial work done – 2 points*, *Partial understanding – 1 point*, or *No contribution – 0 points*. These scores will be based on your *WebAssign* work if applicable, your work done on paper, and your contributions during class that day. The top 17 scores will be used in your course grade, leaving **at least three extra days** to allow for times you had to miss class or come to class unprepared.

I do not anticipate other graded items, but if any arise, they will be announced in class and in D2L, and the course points will be adjusted.

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. Tutoring services are available through the Tutoring Learning Center. See <http://www.uwsp.edu/tlc/> for information on those.

SET UP AN EXERCISE ROUTINE FOR
YOUR BRAIN. LET'S MAKE SOME
NEW PATHWAYS THIS SEMESTER!



UWSP is committed to providing reasonable and appropriate **accommodations** to students with disabilities and temporary impairments. If you have a disability or acquire an impairment or injury during the semester and you need assistance, please contact the Disability and Assistive Technology Center as soon as possible, on the 6th floor of Albertson Hall (library), at 715-346-3365, or at DATC@uwsp.edu. You may also want to visit <http://www.uwsp.edu/disability/Pages/default.aspx>.



Attendance is expected at every class meeting. It is the student's responsibility to make prompt arrangements with me for finding out what was missed and for making up any assigned work in the case of an absence. Quizzes and exams may only be made up in special circumstances, and normally only if arranged with me ahead of time. If a medical emergency occurs, contact the Dean of Students or the Disability & Assistive Tech. office as soon as possible (contact info. below). Then we can see if an exception is in order.

All students are expected to know the UWSP student **responsibilities** found on the Dean of Students webpage. Information on Academic Concerns is available at <https://www.uwsp.edu/dos/Pages/stu-academic.aspx>. Information on Conduct Concerns and on Personal Concerns are also available on the Dean of Students site.

Incompletes: A grade of incomplete may be given when circumstances arise which are beyond the student's control, and which result in the student being unable to complete the course. A grade of incomplete will only be used if the student is passing when the circumstances arise.

Weekly Schedule - Spring 2018

Week	Approximate text sections to discuss this week	Events this week
1. Jan. 22 – 26	Introduction & 5.1	
2. Jan. 29 – Feb. 2	5.2, 5.3	Unit Circle Quiz Thursday
3. Feb. 5 – 9	5.3	Quiz 1 Thursday
4. Feb. 12 – 16	5.4, 5.5	
5. Feb. 19 – 23	5.5, 5.6	Quiz 2 Tuesday
6. Feb. 26 – Mar. 2	Review	Exam 1 Thursday, March 1
7. March 5 – 9	6.1, 6.2	
8. March 12 – 16	6.2 – 6.4	
9. March 19 – 23	6.4, 6.5	Quiz 3 Tuesday
March 26 – 30		<i>Spring Break – No classes</i>
10. April 2 – 6	6.6	Quiz 4 Thursday
11. April 9 – 13	Review	Exam 2 Thursday, April 12
12. April 16 – 20	7.1, 7.2	
13. April 23 – 27	7.2, 7.3	Quiz 5 Thursday
14. Apr. 30 – May 4	7.4, 7.5	
15. May 7 – 11	7.5, Review	Quiz 6 Tuesday

Final Exam: Monday, May 14, 12:30-2:30pm, Science A225

