

Syllabus for MATH 112, Spring 2024

Contacts and Information about the Teacher

- Name: Dr. Robert Kreczner
- To contact me, please use only this email: rkeczne@uwsp.edu
- My Office is in Science Building 321
- The class will meet at D228, Science Building

Office Hours

Monday through Thursday, 3:00 p.m. to 4:50 p.m., in the Science Building, Room D228

Textbook

Trigonometry, 9th Edition, Ron Larson and David Falvo

Prerequisites

Math 100 or placement into Math 112

What we will Study

Chapter 1: Trigonometry

- 1.1: Radian and Degree Measure
- 1.2: Trigonometric Functions: The Unit Circle
- 1.3: Right Triangle Trigonometry
- 1.4: Trigonometric Functions of Any Angle
- 1.5: Graphs of Sine and Cosine Functions
- 1.6: Graphs of Other Trigonometric Functions (optional)
- 1.7: Inverse Trigonometric Functions (optional)
- 1.8: Applications and Models

Chapter 2: Analytical Trigonometry

- 2.1: Using Fundamental Identities
- 2.2: Verifying Trigonometric Identities (optional)
- 2.3: Solving Trigonometric Equations
- 2.4: Sum and Difference Formulas
- 2.5: Multiple-Angle and Product-to Sum Formulas (optional)

Chapter 3: Additional Topics in Trigonometry

- 3.1: Law of Sines
- 3.2: Law of Cosines

Assignments and Exams

- A homework assignment will be given every week. It will be posted in Canvas every Monday and due the following Monday.
- There will be three exams in class, one after each section.

Grading Policy

Homework Assignments 30%, attendance 20%, and exams 50%

Name:	Range:	
A	100%	to 94 %
A-	< 94%	to 90 %
B+	< 90%	to 87 %
B	< 87%	to 84 %
B-	< 84%	to 80 %
C+	< 80%	to 77 %
C	< 77%	to 74 %
C-	< 74%	to 70 %
D+	< 70%	to 67 %
D	< 67%	to 64 %
F	< 64%	to 0 %

Attendance Policy

Attendance is expected at every class meeting when you are well, but we must all take extra care not to spread germs. If you have a fever or symptoms such as coughing or sneezing, please stay home and email me as soon as you realize that you will not be in class. It is the student's responsibility to make prompt arrangements to find out what was missed and to make up any assigned work in the case of an absence, but I am very willing to work with you to find solutions. Canvas is also a great resource at these times. If you miss class, check there first for things you need to know. 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 Resource Center as soon as possible (* contact info. below *). Then, we can see if an exception is in order.

We will all check the university's COVID website as it is updated throughout the semester: <https://www.uwsp.edu/coronavirus/Pages/default.aspx>

UWSP Policies

Inclusivity Statement: It is my intent that all students from diverse backgrounds and perspectives be well-served by this course, that students' learning needs be addressed both in and out of class, and that the diversity brought by everyone in this class be viewed as a resource, strength, and benefit. It is my intent to present materials and activities that are respectful of diversity. I encourage you to make suggestions to this end. Please let me know ways to improve the effectiveness of the course for you personally, or for other students or student groups.

If you have experienced a bias incident (an act of conduct, speech, or expression to which a bias motive is evident as a contributing factor regardless of whether the act is criminal) at UWSP, you have the right to report it using this [linkLinks to an external site.](#). You may also contact the Dean of Students office directly at dos@uwsp.edu.

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 Resource Center as soon as possible, in room 108 of the Collins Classroom Center (CCC), at 715-346-3365, or at drc@uwsp.edu. You may also want to visit their website, [Disability Resource Center \(DRC\) - University of Wisconsin-Stevens Point \(uwsp.edu\)Links to an external site.](#)

All students are expected to know the UWSP student **responsibilities** found on the Dean of Students webpage. Information on Academic Concerns is available at

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.