

Math 112, Section 1 - Fall 2018 Syllabus

Professor:	Dr. Andy Felt	Office:	SCI D355
Office Hours:	M, W, F	10:00 – 10:50 a.m.	Phone: 346-4207
	T, R	12:00 – 12:50 p.m.	email: afelt@uwsp.edu
	or by arrangement		

Class Meetings: M, T, R, F, 9:00–9:50, CCC 111.

Text: *Trigonometry*, 9th ed., by Ron Larson, ISBN 978-1-133-95433-0, available from UWSP Text Rental.

Course Web Page: <http://www4.uwsp.edu/math/afelt/teaching/M112.html>

Calculators and Computers: A calculator will not be necessary in this course, but you may find one useful.

Prerequisites: Math 100 or 107; or suitable placement score

Fundamental Skills to be Learned:

- Recognizing real life situations where mathematical models apply.
- Translating the real life situations into mathematical models.
- Solving the mathematical model.
- Interpreting the solution in the context of the real life situation.

Grading:

Homework Assignments	130 points	This many points gets you	⇒	at least this grade
Class Participation	20 points	460 (92%)	⇒	A,
2 Exams	200 points	450 (90%)	⇒	A–,
Final Exam (Comprehensive)	150 points	440 (88%)	⇒	B+,
Total	500 points	410 (82%)	⇒	B, etc.

Homework: Assignments should have the following format:

- Looseleaf paper only (no spiral schnibbles)
- Name, section, assignment, date on first page
- Stapled, each assignment separately

The grade for each assignment will include 20% based on accuracy and quality of written communication. Examples on this topic are given in Assignment 0. *No late homework is accepted for any reason.* Usually, there will be a class day between the day homework is assigned and the day it is due. Assignments are due at the beginning of class on the day they are due.

Help: Everybody needs help at some point. The key is to *get help right away* when you need it. Here are some ways to get help:

- ask a question in class;
- ask me during office hours;
- ask me in an email;
- the Math Room (SCI A113A) provides help for students in this course;
- the Tutoring and Learning Center (below the library) has two kinds of help available;
 - tutoring sessions once per week, and
 - drop-in tutoring at the TLC.

More information on TLC help will become available after the semester begins.

Disability Accommodations: Reasonable accommodations are available for students who have a documented disability. Please notify the instructor during the first week of class of any accommodations needed for the course. All accommodations must be approved through Disability Services, located at 609 Learning Resources Center or <http://www.uwsp.edu/disability/>.

General Course Policies:

- Exams must be ONLY your own work. You may work together on homeworks (unless otherwise specified), but the material you turn in must be *your own*. Please see <http://www.uwsp.edu/dos/Documents/CommunityRights.pdf> to read about your rights and responsibilities as a student, and Chapter 14 (at that page) to read about Wisconsin’s academic misconduct code.
- Use of calculators or other technology will not be allowed on exams.
- Cell phones, computers, and other technology should be turned off during class and exam times.
- The course handouts and lectures are the property of the instructor, and may not be copied or recorded (including audio recording or photography) without the instructor’s permission.
- Everyone becomes ill sometimes. When you become ill, I expect you to make a reasonable effort to come to class. When illness or other emergencies require absence from class, I expect you to contact me immediately, preferably by email. I expect you to keep up with what is being taught by following in your book and doing the homework. Either have a friend bring your homework, or slide it under my office door. To account for illness and other emergencies, at least two homework scores will be dropped.

Tentative Calendar

Week of	Approximate Coverage
4 Sep.	1.1 Radian and degree measure 1.2 Trigonometric functions: the unit circle
10 Sep.	1.3 Right triangle trigonometry 1.4 Trigonometric functions of any angle
17 Sep.	1.5 Graphs of sine and cosine functions 1.6 Graphs of other trigonometric functions 1.7 Inverse trigonometric functions
24 Sep.	Exam I 1.8 Applications and models
1 Oct.	2.1 Using fundamental identities 2.3 Solving trigonometric equations
8 Oct.	2.4 Sum and difference formulas Exam II
15 Oct.	3.1 Law of sines 3.2 Law of cosines
24 Oct.Finals	24-25 Oct., 2018 Final Exam 9:00-9:50