

## MATH 112 Basic Trigonometry and Applications, Section 01

Class Times: T R, 10:00 – 10:50, Sci A210

Instructor: Daniel Harnett

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Office Hours: M 12:00 - 1:45; Tu, We, Th 1:00 – 1:45, or by appt.

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### Course Description:

2 cr. Introduction to trigonometry and applications to surveying, navigation and indirect measurement. For Forestry majors.

### Required Materials:

1. **Text:** **Trigonometry**, 9th Ed. by Larson and Hostetler
2. **Calculator:** You need a scientific calculator for this class, one with buttons for SIN, COS and TAN. A graphing calculator such as TI83/84 is helpful but not required. Cellphone calculators, and in general calculators that communicate with other calculators, are NOT allowed during tests.
3. **Computer access:** You are expected to access your UWSP email and the Canvas web site on a regular basis. Homework assignments will be posted on Canvas and can be turned in on Canvas.

**Attendance:** You are expected to attend every class. In general, this is a course in which you cannot afford to miss a class. If you are absent, for any reason, it is your responsibility to talk with others who were present and get notes from them. You are responsible for making sure that you have copies of all materials distributed in class, announcements made in class, and content covered in class. Missed quizzes will not be made up, but there will be extra quizzes during the semester. If you miss an exam (DON'T!), it is YOUR responsibility to contact the instructor ASAP.

**Homework and Quizzes:** There will be about 10 written homework assignments, usually due on Tuesday. Assignments will be listed on the Canvas page. For written assignments, you must write a complete solution to each problem, bare answers without support will receive no credit. Late homework will not be accepted without the instructor's permission. You may work on the homework with others, but each student must write and turn in their own complete assignment. During class time on most Thursdays, there will be a short quiz. The quizzes will focus on applied problems, and students can work together. Missed quizzes may not be made up. One or two (depending how many) of your lowest homework and quiz scores will be dropped.

**Exams:** There will be two exams during the semester, plus a final exam. The exam dates and content will be announced in class well in advance. The first exam will probably be on Thursday, February 23.

**Final Exam:** The Final Exam will be on Tuesday, May 16 at 2:45 pm.

### Grade Calculation:

Homework	20%
Quizzes	10%
2 Exams	40%
<u>Comprehensive Final Exam</u>	<u>30%</u>
Total	100%

Grades for each assignment and exam will be recorded on Canvas page. Questions about individual grades must be addressed within one week from the day the paper is returned to you. You know that Canvas can calculate your current grade, but **Do Not Believe the Canvas Grades**. It calculates things in strange ways.

Your letter grade will be assigned based on the following scale:

A: 93-100%	A - : 90-92%	B+: 87-89%
B: 83-86%	B-: 80-82%	C+: 77-79%
C: 73-76%	C- : 70-72%	D+: 67-69%
D: 60-66%	F: 59 % or less	

The above table is a minimum guide, the instructor may make positive adjustments at the end of the semester.

**Help Available:**

INDIVIDUAL TUTORING: TLC – There is a new TLC Tutoring room in the CBB, by the coffee shop

STUDY GROUPS: Meet with your peers on a regular basis; Free

INSTRUCTOR OFFICE HOURS: After class time most days. See top of page 1.

**Instructor Office Hours:**

If you need to talk to your instructor, you can (1) ask me in the minutes before or after class; (2) email with questions; (3) place a Zoom call during the scheduled office hours; or (4) come to my physical office in the Science building during scheduled office hours.

If you are unable to make the listed office hours, email me and we can set up a Zoom call.

**COVID-19 Provisions:**Face Coverings (September 2022):

As of September 2022, face coverings are recommended but not required. Please respect the choices of those around you who may wish to wear a mask or not.

Other Guidance

- a. Please monitor your own health each day. If you are not feeling well or believe you have been exposed to COVID-19, do not come to class; email your instructor and contact Student Health Service (715-346-4646).
- b. Wash your hands or use appropriate hand sanitizer regularly and avoid touching your face.
- c. Please maintain healthy practices outside the classroom.

**Academic Integrity:** You should be fully aware of your rights and responsibilities as a UWSP student. These are detailed in the UWSP Community Bill of Rights and Responsibilities found at [https://www.uwsp.edu/dos/Documents/UWS\\_14.docx](https://www.uwsp.edu/dos/Documents/UWS_14.docx)

Information regarding Section 504 of the Rehabilitation Act or the Americans with Disabilities Act can be found at the UWSP Disability and Assistive Technology Center site <https://www.uwsp.edu/datc>

**Religious Beliefs:** Students' sincerely held religious beliefs will be reasonably accommodated with respect to all examinations and other academic requirements. According to UWS 22.03, you must notify the instructor within the first three weeks of classes about specific dates which require accommodation. See the link below:

[https://www.uwsp.edu/dos/Documents/UWS\\_CHAPTER\\_22.docx](https://www.uwsp.edu/dos/Documents/UWS_CHAPTER_22.docx)