

MATH 112 Basic Trigonometry and Applications, Section 1

Class Times: M W, 9:00 – 9:50, Sci A225

Instructor: Daniel Harnett

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Office Hours : Mon 10:00 – 10:50, Tu Th 1:00 – 1:50, or by appt.

Course Description:

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

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 Desire 2 Learn (D2L) web site on a regular basis. Software such as spreadsheets and Mathematica are available on computers at all University computer labs. These programs will be helpful but not required.

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 a homework assignment about every other week. Assignments will be listed on the D2L 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. In addition, there will short quizzes on an occasional basis. 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 probably be on Wednesday, February 28.

Final Exam: The Final Exam will be on Wednesday, May 16 at 8:00 am.

Grade Calculation:

Homework and Quizzes	30%
2 Exams	40%
Comprehensive Final Exam	30%
Total	100%

Grades for each assignment and exam will be recorded on your D2L page. Questions about individual grades must be addressed within one week from the day the paper is returned to you.

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.

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 <http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>

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 <http://www.uwsp.edu/dos/Pages/ADA.aspx>

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:
<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>