

SYLLABUS
MATH 1613, Section 7 - Trigonometry - Spring 2011

ROOM and TIME: LSE 113, MWF 1:30-2:20
INSTRUCTOR: Dr. Roger Zierau
OFFICE: MS 502A
OFFICE HOURS: MWF 2:30-3:20, and by appointment
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TEXTBOOK: *Analytic Trigonometry*, ninth edition, by Barnett, Ziegler and Byleen is required.

COURSE CONTENT: This is a course on Trigonometry. We will learn the fundamentals of trigonometry and learn how to solve a variety of problems using trigonometry. Chapters 1-7 in the textbook will be covered.

GENERAL INFORMATION: Students are expected to (1) attend all classes, (2) work all of the assigned homework problems, and (3) carefully read and understand each section in the text book. A calculator which has the trigonometric functions (sin, cos, tan) and their inverses will be necessary for the class. These calculators can be purchased for about 10\$. More sophisticated calculators (such as graphing calculators) will NOT be necessary. Students may borrow a calculator (at no charge) from the Mathematics Department. Tutoring (at no charge) is available at the MLRC on the fourth floor of the Classroom Building. The hours will be announced in class.

HOMEWORK: Homework exercises from the book will be assigned for each section we cover. Students are expected to work out all of the assigned problems and write neat well-organized solutions. The homework is an extremely important part of the course; carefully working through the homework problems is crucial to learning the material. Homework will not be collected or graded.

QUIZZES: There will be regular in-class quizzes. These quizzes will typically be on Fridays (with a few exceptions). Each quiz will test the students' understanding of recently covered material. Most quiz problems will be very close to the homework problems. There will be 12 quizzes, each worth 10 points. The lowest two scores will be dropped and there will be no make-up quizzes for any reason.

ATTENDANCE: Students are expected to attend all classes. Each student will begin the semester with 100 attendance points. Each absence will result in the attendance score decreasing by 4 points. For example if you miss four classes, then at the end of the semester your attendance score will be 84 points.

EXAMS: There will be three in-class exams (100 points each). The tentative schedule for the exams is:

Chapters 1-2, Week of February 7

Chapters 3-4, Week of March 21

Chapters 5-6, Week of April 18.

If it is necessary to miss an exam, arrangements for a make-up exam must be made prior to the scheduled time of the exam. There will also be a final exam (200 points). The final exam is scheduled for Wednesday, May 4, 2:00-3:50pm

COURSE GRADES: There are 600 possible points for the semester (300 for in-class exams, 200 for the final and 100 for the quizzes). Your lowest score on the in-class exams will be replaced by your attendance score, provided this improves your total score. Letter grades will be assigned as follows:

540-600 points (90%): guaranteed A

480-539 points (80%): at least a B

420-479 points (70%): at least a C

360-419 points (60%): at least a D

0-269 points (below 60%): probable F.

SYLLABUS ATTACHMENT: For various information such as drop dates, university policies on student disabilities and academic dishonesty, library hours, etc. see the following two pages. This information is also found at [http://osu.okstate.edu/acadaffr/aa/PDF Files/sylatspr.pdf](http://osu.okstate.edu/acadaffr/aa/PDF%20Files/sylatspr.pdf)