

Math 1613 Spring 2012 Syllabus

Instructor: Barbara Trigalet

Office: 412 MSCS

Office Hours: Tuesday 9:30-10:45am and Thursday 1:30-2:45pm and by appointment

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Text: (Required) Analytic Trigonometry and Applications 10th edition by R. Barnett et al

Course Description: (From the OSU catalog) Trigonometric functions, logarithms, solution of triangles and applications to physical sciences.

Trigonometry requires a strong background in algebra and geometry. If it has been a while since you have taken either of these subjects, you need to review the concepts now. Sometimes there will be a small amount of review given in class, but this will not be sufficient to teach any material not well learned before.

Grading: Grades will be assigned on the normal 90-80-70-60 basis. Grade allotments are as follows.

Exam 1	18%
Exam 2	18%
Exam 3	18%
Final Exam	23%
Quizzes	21%

The final exam will be comprehensive and is Tuesday May 1st in Physical Sciences 110 from 12:00 to 1:50pm.

Attendance: While attendance will be recorded each day, attendance is not mandatory. However, 5 percentage points will be added to the grades of all students who, at the end of the semester, have 3 or fewer absences. This will be reduced by 1 percentage point for each absence beyond the third. Eight or more absences will result in forfeit of these extra points. Students must arrive on time and be present for the entire class period to be counted as present.

Exams: The departmental (mathematics) policy on missed exams and make-ups is as follows:

(A) Every student shall be offered reasonable accommodation in the event that he or she misses a major assessment activity for a valid and documented reason.

(B) Appropriate documentation shall be provided by the student in a timely fashion to support his or her request for accommodation.

(C) Major assessment activities are those such that a zero on that activity could reasonably be foreseen to impact the student's grade substantially; this category includes, but is not limited to, exams.

(D) Valid reasons include official University activities, activities associated with military service, illness, family emergencies, mandatory court appearances, and any other events of comparable gravity.

(E) Reasonable accommodation means that the student will be given the opportunity to earn a grade on the assessment activity that is based on criteria as similar as possible to those used to grade his or her classmates. This opportunity should normally be made available in a timely fashion.

What all this means is that if you have to miss a quiz or exam for a serious reason, and you are able to provide acceptable documentation verifying that reason, then you will be allowed to make up the missed work. If you have a scheduled University activity (like a field trip or sporting event) then it is best to let me know and present documentation beforehand. However, if for some other conflict arises, please tell me (if possible, beforehand) and I may allow a make-up. I do reserve the right to say no, if the departmental requirements are not met.

Exams 1, 2 and 3 dates and material covered are on the course schedule and will be during normal class time.

Quizzes: As noted on the tentative course schedule, some quizzes are homework quizzes and others are in class. For the take home quizzes, talking to other students, getting help from myself or other tutors is allowed. Homework quizzes will be posted on the online classroom as oc.okstate.edu. For the in class quizzes, students will be given times at the end of the class period and are to take the quiz in silence.

There are 11 quizzes in the course schedule. The 8 highest quiz scores for each student will comprise the 21% of the student's final grade. (The lowest 3 quizzes will be dropped.)

Calculators: A scientific calculator is required for this class. Your calculator will need to be able to evaluate the trig functions (\sin , \cos , \tan) of angles in degrees and in radians *and* be able to evaluate inverse trig functions (\sin^{-1} , \cos^{-1} , \tan^{-1}). You may buy a simple one at a local store or check one out from the math department in 401 MSCS. Calculators on electronic devices such as phones, computers or tablets are not allowed. You will need your calculator in each class period, to get used to entering trig functions, etc. in the calculator. Practicing during lecture will help avoid simple and common mistakes during test and quiz time.

Homework: Homework will not be handed in or graded. Nevertheless, practice is vital in a class such as this and working the suggested exercises is highly recommended.

Contact: I will post relevant information on D2L (oc.okstate.edu) and use students' OSU email. If you do not check your OSU email regularly, you'll need to start doing so or have your OSU email forwarded to an email account you do check regularly.

MLRC: The Math Learning Resources Center is located on the fourth floor of the Classroom Building. The MLRC provides free tutoring to students in math classes up to linear algebra. The information desk is CLB 420 and the website is <http://www.math.okstate.edu/mlrc>

Academic Integrity and Students with Disabilities: Students should be aware that in this course you are all subject to the academic integrity policies of Oklahoma State University. Information on this and information on students with disabilities (along with other university policies and important dates) can be found at <http://academicaffairs.okstate.edu/faculty-a-staff/48-syllabus-spring>

Trigonometry — Spring Semester 2012

	Monday	Wednesday	Friday
Week 1	1/9 §1.1	1/11 §1.2; Homework Quiz 1 due	1/13 §1.3
Week 2	1/16 University Holiday	1/18 §§1.3 & 1.4; Quiz 2 (in class)	1/20 §1.4
Week 3	1/23 §2.1	1/25 §2.3; Quiz 3 (in class)	1/27 §2.3
Week 4	1/30 §2.5	2/1 §2.5; Quiz 4 (in class)	2/3 Review for Exam 1
Week 5	2/6 Exam 1 (Chapters 1 and 2)	2/8 §3.1	2/10 §3.2
Week 6	2/13 §3.2	2/15 §3.3; Quiz 5 (in class)	2/17 §3.3
Week 7	2/20 §4.1	2/22 §4.2; Homework Quiz 6 due	2/24 §4.2
Week 8	2/27 §4.2	2/29 §4.3; Quiz 7 (in class)	3/2 §4.3
Week 9	3/5 §4.4	3/7 §4.4; Homework Quiz 8 due	3/9 Review for Exam 2
Week 10	3/12 Exam 2 (Chapters 3 and 4)	3/14 §5.1	3/16 §5.1
Week 11 Spring Break	3/19	3/21	3/23
Week 12	3/26 §5.3	3/28 §5.3; Quiz 9 (in class)	3/30 §5.3
Week 13	4/2 §6.1	4/4 §§6.1 & 6.2; Homework Quiz 10 due	4/6 §6.2
Week 14	4/9 §6.3	4/11 §6.4; Homework Quiz 11 due	4/13 §§6.4 & 6.5
Week 15	4/16 §6.5	4/18 Review for Exam 3	4/20 Exam 3 (Chapters 5 and 6)
Week 16 Pre-Finals Week	4/23 §7.1	4/25 Review for Final Exam	4/27 Review of Final Exam