MATH 1613, Trigonometry (Online Section)
Fall 2016

Instructor: Lee Ann Brown
Office: MSCS 516
Email: brownl@okstate.edu
Phone: 744-1807
Office hours:
    M 9:30-10:30 a.m., 2:30-3:30 p.m.
    T 2:00-3:00 p.m. at MLSC (fifth
    floor of OSU Library)
    W 10:30-11:20 a.m.
    R 10:30-11:30 a.m.
Virtual Office Hours:
    Available by request
	Online Classroom
	Brightspace by D2L:
	online.okstate.edu
	WebAssign (Online Homework)
	www.webassign.net
	WebAssign Technical Support
	Toll free: 800-955-8275
	OSU Technical Support
	OSU IT Help Desk: 405-744-4357
	(or Toll-free 1-877-951-4836)
	or help@okstate.edu

Overview of the Course: This online course includes the study of trigonometric functions, solution of triangles and applications to physical sciences.

Course Prerequisites
- ALEKSGOAL, with a minimum score of 60 or MATH 1513 with a minimum grade of C
- No credit will be earned for those with prior credit in MATH 1715 (Precalculus) or any course for which 1613 is a prerequisite.

Course Goals: Demonstrate the skills and competency necessary when working with trigonometric functions for further study in mathematics or sciences. This includes reading, understanding, and applying trigonometry in a variety of situations.

Course Objectives
- Solve triangles using trigonometric functions
- Solve application problems involving trigonometry
- Calculate the values of trigonometric functions
- Sketch the graphs of trigonometric functions with transformations
- Verify trigonometric identities
- Solve trigonometric equations

Textbook/Homework Access

- *** WebAssign Access code**
- NOTE: The WebAssign Access code contains the e-book: *Algebra and Trigonometry,* Fourth Edition, by Stewart, Redline, and Watson. You do NOT need to purchase the textbook separately.

WebAssign is the online site where you will do most of your homework. You should sign up for WebAssign right away. There is a 14-day grace period to enter the access code, starting with the first day of the semester. Go to http://www.webassign.net and self-enroll.

- You will need a **class key** that corresponds to this section of Trigonometry. The class key for the online section of Trigonometry this semester is: okstate 9297 8459
- You will also need the **student access code** (which must be purchased).

More Required/Recommended Material

- **Calculator (required):** A graphing calculator is highly recommended for this course, but a (non-graphing) scientific calculator may be used. It must be able to calculate trigonometric functions (sine, cosine, tangent) in both degrees and radians, as well as inverse trigonometric functions. *These calculators are not allowed: cell phone calculators, laptops, handheld computers, and calculators with wifi and/or built-in computer algebra systems (for instance, TI-89, TI- 92, TI-Nspire, or similar calculators).* **Only one calculator may be used** on exams or other assignments. Please check with your instructor to determine whether your calculator is allowed. Note: The OSU Mathematics Department has a limited number of graphing calculators for students. Go to MSCS 401 as early in the semester as possible to borrow a calculator for the semester.

Lecture Presentations: Video presentations of mini-lectures are located in the online classroom. Log in to your account using your O-Key username and password at online.okstate.edu. Then go to the Contents tab where you will see the weekly modules. The videos are listed by week/chapter/section under the Contents tab. Each video covers one topic or one example problem, and average about 5 minutes in length. There are printable "Lecture Notes" that go along with each set of videos, to help you stay organized. It is suggested that you **print these lecture notes before viewing the corresponding videos**, so that hand-written notes can be taken. These should help you with homework problems and reviewing before exams.

Attendance Policy: You are required to log in to the online classroom at least once each week, but it is recommended that you check the website several times each week.

WebAssign Homework: You will do most homework in *WebAssign,* an online homework system. All homework deadlines are 11:59 p.m. on the dates listed in WebAssign (and in the course schedule). You can attempt each problem up to 5 times. At the end of the semester, the total of all WebAssign homework points will be *scaled* to **100 points** (your percentage × 100). The maximum number of points that can be earned for the semester is 100 points. If you have a question about a homework problem, you can use the "Ask Your Teacher" feature in WebAssign. Please keep a copy of your written work, which will help you and/or your instructor (if you ask for help) locate your errors. Any correct answer submitted *before* the due date will receive full points. **Late homework will be accepted with a 50% penalty, up to 5 days after the due date.** You must *request* an extension using the "button" in WebAssign. Your extension request will be granted automatically, as long as it is requested no more than 5 days past the due date. Each correct answer submitted *after* the due date will receive the 50% penalty, as long as it is before the end of the 5th day.

WebAssign Quizzes: There will be 11 timed quizzes given during the semester. These quizzes will be taken in WebAssign with a time limit of 30 minutes, and 3 submission attempts for each question. The due date for each quiz is listed on the schedule. You may take the quiz at any time before the due date, but it must be completed by 11:59 p.m. on the day it is due. If you start a quiz with less than 30 minutes remaining before the deadline, you will have only the number of remaining minutes until the deadline. At the end of the semester, the ONE lowest quiz score will be dropped. The total number of points possible in this grade category is 100 points. **You are on your honor to take these quizzes without assistance. Getting assistance from another person or using online resources is not allowed and may result in academic misconduct/dishonesty sanctions.**

Written Homework: Written assignments, in which you will write full solutions (show your work) will be given approximately once each week. You may ask other students in the class for help, but any work submitted **must be your own work** and cannot be copied from another student. Written homework is due at midnight in the D2L "Dropbox" on the date listed on the schedule. Each assignment is worth 10 points. At the end of the semester, the **ONE lowest written homework score will be dropped**. The total number of points possible in this grade category is 100 points. **Copying the work of another student is not allowed and may result in academic misconduct/dishonesty sanctions.**

Exams: There will be three 100 point exams and a 200 point final exam given during the semester. The final exam is comprehensive, so it will contain material learned throughout the entire semester. **Exams will be administered either on the OSU campus or through an approved proctor (see "Proctors/Testing Centers" below).** On each exam, you will be required to show your work and all steps leading to the solution. You will be given 50 minutes for each of exams 1, 2, and 3. For the final exam, you will be given 1 hour and 50 minutes. If you use a proctor, the exam must be taken on the same day as the in-class exam.

	Exam 1	Exam 2	Exam 3	Final Exam
In-class exams (OSU campus)	Wednesday, Sep. 14, 5:00-5:50 p.m. **MSCS xxx**	Wednesday, Oct. 5, 5:00-5:50 p.m. **MSCS xxx**	Wednesday, Nov. 9, 5:00-5:50 p.m. **MSCS xxx**	Thursday, Dec. 8, 6:00-7:50 p.m. **MSCS xxx**

Proctors/Testing Centers: Exams for this course may be taken either **on campus** or at an **approved college or university testing center.** If you wish to take your exam with a proctor, please download an approval form at http://asoutreach.okstate.edu/images/pdf/Proctor-Agreement-Form.pdf, have it filled out by your proctor and return it to the address listed on the form. Proctor forms must be **submitted and approved** prior to Exam 1. Note that acceptable proctors include **only college or university testing centers**, unless special permission is granted. All proctors are subject to approval by the instructor.

Make-up Exam Policy: Make-up exams will be given only in extreme circumstances, if documentation for the absence can be provided and is verifiable. Valid reasons for make-up exams include:

- University activities (e.g. field trips, research presentations, athletic teams, etc.)
- Military obligation, jury duty or other mandatory court appearance
- Serious illness or injury in student or immediate family (parent, sibling, spouse, son, daughter)

If you believe you need to take a make-up exam, contact your instructor, **Lee Ann Brown**, by e-mail at brownl@okstate.edu . You should contact her **well in advance (at least 3 days) of the exam** to ask for permission to take a makeup exam and to inform her of the reason for missing the exam. In circumstances where the exam cannot be taken *early*, **arrangements must be made immediately after the missed exam** and the makeup exam must be taken **within one week** of the scheduled exam. If a makeup exam is allowed, a **penalty of up to 15%** may be assessed.

Grading:

Grade Item	Points Available	Percentage of Grade
WebAssign Homework (scaled)	100	12.5%
Quizzes	100	12.5%
Written Homework (scaled)	100	12.5%
Exams	500	62.5%
Total	**800**	**100%**

Final grades will be determined as follows:

Percentage of Total	A: 90% or higher	B: 80-89.5%	C: 70-79.5%	D: 60-69.5%	F: 59% or lower
Points	720-800 pts.	640-719 pts.	560-639 pts.	480-559 pts.	0-479 pts.

Instructor Response: During the regular work week (Monday through Friday), I am frequently online and will check my e-mail regularly. Please send e-mails to brownl@okstate.edu and include in the subject line "**MATH 1613 online**". I will try to reply within 24 hours during the regular work week, or within 48 hours on weekends.

MLSC: There is free tutoring available in the Math Learning Success Center (MLSC), on the ***fifth floor of the OSU Library***. They are open during the following hours:

Tutoring and Computer Lab Hours

Monday-Thursday:	9:00 a.m. to 9:00 p.m.
Friday:	9:00 a.m. to 5:00 p.m.
Sunday:	1:00 p.m. to 9:00 p.m.

MLSC Online Tutoring: Tuesday/Thursday, 6:00 p.m. to 9:00 p.m.
MLSC Weekly Trig Reviews: Sunday, 7:00 p.m. to 8:00 p.m.
For more information on the MLSC, visit their website: www.math.okstate.edu/mlsc

Academic Integrity
OSU is committed to maintaining the highest standards of integrity and ethical conduct. This level of ethical behavior and integrity will be maintained in this course. Participating in a behavior that violates academic integrity (e.g., unauthorized collaboration, plagiarism, multiple submissions, cheating on examinations, fabricating information, helping another person cheat, unauthorized advance access to examinations, altering or destroying the work of others, and altering academic records) will result in an official academic sanction. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment,

examination or course, receiving a notation of a violation of academic integrity on your transcript, and being suspended from the University. You have the right to appeal the charge.

Students have the responsibility of upholding the academic integrity of this course and this university. Some instances of academic dishonesty/misconduct include:

- Copying the work of another student
- Getting questions or answers from someone who has taken an exam
- Inappropriate use of technology during an exam
- Working on an assignment with others when the instructor asked for individual work
- Turning in work that is identical or very similar to others' work
- Inappropriately sharing or using the work of another student on an online assignment, quiz, or exam
- Having another student take an examination
- Using a false excuse to obtain an extension on a deadline

To read the entire Academic Integrity policy for Oklahoma State University, go to: https://stw.sp.okstate.edu/policies/Shared%20Documents/Academic%20Integrity%20Policy.pdf

Incomplete Grade: The grade of "I" is given to students who satisfactorily completed the majority of the course work and whose work averages "D" or better, but who have been unavoidably prevented from completing the remaining work of the course. The conditions, including appropriate time limits, for the removal of the "I" are indicated on the official class roll by the instructor. A condition that the student must repeat the course in order to remove the "I" is not permitted. The maximum time allowed for a student to remove an "I" is one calendar year.

Office of Student Disability Services (SDS)
315 Student Union/405-744-7116 http://sds.okstate.edu/
According to the Americans with Disabilities Act, each student with a disability is responsible for notifying the University of his/her disability and requesting accommodations. If you think you have a qualified disability and need special accommodations, you should notify the instructor and request verification of eligibility for accommodations from the Office of SDS. Please advise the instructor of your disability as soon as possible, and contact Student Disability Services, to ensure timely implementation of appropriate accommodations. Faculty has an obligation to respond when they receive official notice of a disability but are under no obligation to

provide retroactive accommodations. To receive services, you must submit appropriate documentation and complete an intake process to verify the existence of a qualified disability and identify reasonable accommodations.

Syllabus Attachment: You are individually responsible for meeting university deadlines and for following university procedures. The general university syllabus attachment, containing much information of this nature, can be found on the Academic Affairs' web site (http://academicaffairs.okstate.edu   and choose Faculty and Staff Resources, then the Syllabus attachment for the appropriate semester).