Kent State University - Stark Campus
ALGEBRA AND TRIGONOMETRY - 15514 - MATH 12001 - 650

Fall 2015 Online Course
Instructor: Dr. Janice Kover E-mail: jkover@kent.edu
Phone: (330)499-9600, ext. 53409 (email will get a faster response than voicemail) Office: 409MH Stark Campus
website: www.personal.kent.edu/∼jkover

Office Hours:

- Mondays: 6-7pm, Virtual Only

- Tuesdays: 12pm-2:00pm, Virtual Only

- Wednesdays: 8-10:00am, Virtual and On-Campus

- Thursdays: 9:30am-11:30am, Virtual Only

Other Virtual Hours can be made by appointment. To make an appointment, please email me with a few specific dates and times that you are available to meet and I will try to work my schedule to meet with you. To meet during these hours please go to the Virtual Meeting Room.

Text : "Precalculus" by Stewart, Lothar, Watson (ISBN: 0-534-38541-9) ANY edition will be fine, this is just the text that I reference. I typically do not collect homework from the text, but you should be doing the homework out of some Precalculus text.

Required: At least a scientific calculator. Graphing calculators are permitted and encouraged.

Course Description: This course introduces the subject of Algebra & Trigonometry and its applications. We will tentatively cover Chapters 1-8. See page two for detailed learning outcomes given by the math department.
Course Policies:

1. Course grades are determined by:
15% - Videos Lessons YOU ARE GRADED BY THE ACCOMPANYING QUIZZES - these are NOT optional
15% - May include Turn-In Assignments, Surveys, Short Quizzes, Special Assignments, or Q&A Forums
70% - PROCTORED Tests (2 proctored midterm tests 20% each, comprehensive Final Exam 30% proctored)
Grading Scale: 90%-100% A; 80%-89% B; 70%-79% C; 60%-69% D; 0%-59% F (plus and minus grades will be assigned only in close cases)

2. Please stay alert to due dates. While due dates often give you a grace period, you will need to complete each week's work on time or you will quickly find yourself too far behind to catch up. If there are extenuating circumstances email the professor immediately attaching the appropriately scanned documentation.
3. Homework may be collected at any time. That is, you may be asked to scan your homework and turn it in.
4. You will be given approximately a week to take a proctored exam. Make-up exams will only be given in extenuating circumstances and must have professional documentation for approval.
5. While there is no monitoring of how you conduct your weekly work it is assumed that you will give your full attention to your work when you view the videos, work on assignments or visit virtual office hours. Keep in mind you must answer the questions in the Video Lessons in Moodle.
6. Appropriate language is expected both written and verbal during virtual hours. (This includes abbreviations.)
7. Please keep in mind that while I will do the best to be present at every office hour (both live and virtual) but there are times when events (including technical issues) stop this from occurring. I will do my best to email the class and let them know when there are such occasions. Office hours will not be held if the Stark Campus has classes canceled during the scheduled session.
8. The proctored final exam is required. Failure to show for the final exam may result in an F for the course.

Academic Honesty: Use of the intellectual property of others without attributing it to them is considered a serious academic offense. Cheating or plagiarism will result in a failing grade for the work or for the entire course. Repeat offenses result in dismissal from the University. University guidelines require that all infractions be reported to the Student Conduct Officer on our campus. Kent State University policy on academic honesty can be found at:
http://www2.kent.edu/policyreg/policydetails.cfm?customel_datapageid_1976529=2037779
Students with Disabilities: University policy 3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-244-5047 or visit http://www.kent.edu/stark/student-accessibility-services for more information on registration procedures).
Office Hours Canceled/Campus Closings: Announcements of class cancellations and/or campus closings will be made on the campus home page. In the case of an emergency, weather-related or otherwise, please check the web page at stark.kent.edu

for information on the buildings and times of the closing. While information may be broadcast by radio and television, this should be confirmed by the web page, which is the official announcement of the campus and which will be the information used to determine issues related to student attendance, rescheduling of tests, and other concerns.

Withdrawal: If you are considering withdrawing from this course, please consult with a staff member in the Office of Student Services of your local campus. Withdrawal from a course can affect financial aid, student status, or progress within your major. For withdrawal deadlines, please refer to: http://www.kent.edu/registrar/fall-important-dates.

Learning Outcomes for MATH-12001

Knowledge

The students should demonstrate a rigorous understanding of elementary functions, including polynomial, exponential, logarithmic, and periodic types. Solve problems in algebra and trigonometry and be able to apply mathematical techniques associated with multi-step problems.

Comprehension

Should be able to understand the notions of trigonometry related to four trigonometric functions, and their inverses, as well as as the notions from algebra for calculus.

Application

The main and most important application is to solve many different problems related to the subject.

Analysis

Should be able to solve trigonometric inequalities, simplify trigonometric expressions, analyze the data of "mixed" (trigonometric and algebraic) origin.

Synthesis

Should be ready for taking Calculus courses.

Evaluation

Should complete homeworks, pass midterm tests and a final exam.

Class Activities

To solve problems in class and discuss theorems.

Out of class Activities

To submit homework assignments.