Kent State University - Stark Campus
TRIGONOMETRY - 20587 - MATH 11022 - 640

Spring 2019 Online Course
Instructor: Dr. Janice Kover E-mail: jkover@kent.edu
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Office Hours:

- Mondays: 9:00-noon, Virtual
- Tuesdays: noon-2:00pm, Virtual
- Wednesdays: 9:00am-noon, Virtual
- Thursday: 8am-10am, Virtual

If you wish to meet in person at Stark Campus, please make arrangements via email.

Referenced Text : "Precalculus" by Stewart, Lothar, Watson (ISBN: 0-534-38541-9) this is just the text that I reference. PLEASE NOTE: NO text is required.

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

Course Description: Chapters 5, 6, 7, and most of 8. The course will cover angle measurements, trigonometric functions, inverses, and identities, and solving trigonometric equations.

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. You should complete all work the week in which it is given. Please stay alert to due dates. 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 five days to take proctored exams. Make-up exams will only be given in extenuating circumstances and must have professional documentation for approval. These exams must be monitored via a Kent Regional Campus testing center (not Trumbull) or Proctorio. Be aware you will not be permitted to use scrap paper or a hand-held calculator if you choose to take the exams with Proctorio.

- Midterm I - PROCTORED 20% of grade - Testing Window: Saturday, February 9th-Thursday, February 14th
- Midterm II - PROCTORED 20% of grade - Testing Window: Monday, April 1st-Sunday, April 7th. This is an extended window because of Spring Break
- Final Exam - Comprehensive & Proctored - THIS IS 30% of your grade - Testing Window: Saturday, May 4th- Thursday, May 9th

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. 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 be able to represent trigonometric and inverse trigonometric functions verbally, numerically, graphically and algebraically; define the six trigonometric functions in terms of right triangles and the unit circle.

Comprehension

Should be able to understand the difference between a trigonometric function and an inverse trigonometric function; understand the relationship among the solutions of a trigonometric equation in one variable, the zeros of the corresponding function, and the coordinates of the x-intercepts of the graph of that function.

Application

Use trigonometric functions to model a variety of real-world problem solving applications; solve application problems that involve right and oblique triangles; solve application problems using vectors.

Analysis

Analyze the algebraic structure and graph of trigonometric and inverse trigonometric functions; given the graph of a function to determine possible algebraic definitions.

Synthesis

Should be ready for taking Calculus courses.

Evaluation

Should complete homework assignments, pass tests and a final exam.

Class Activities

To solve problems in class and discuss theorems.

Out of class Activities

To submit homework assignments.