

Kent State University - Stark Campus
INTUITIVE CALCULUS - 13953 - MATH 11012 - 661

Summer III 2020 (July 9 - August 12)

Instructor: Dr. Janice Kover

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Online Course

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Office: 409MH Stark Campus

Office Hours:

- Mondays: 9:30-10:30am, Virtual Only
- Tuesdays: 1pm-2pm, Virtual Only
- Wednesdays: 9:00-10:00am, Virtual Only

Note: Normally, if you wish to meet in person at Stark Campus, please make arrangements via email. However, under the current restrictions due to COVID-19 I will not be able to make any such arrangements. Thank you for your understanding.

Referenced Text : NONE required. "Calculus - For Business, Economics, and the Social and Life Sciences" by Laurence D. Hoffmann and Gerald L. Bradley, Brief Edition, Tenth Edition (ISBN: 978-0-07-353231-8) will be referenced

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

Course Description: This course will provide a basic knowledge of Calculus and its applications. We will tentatively cover Chapters 1-5 of the reference book. 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. 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 a window of five days to take exams. Exams are timed. Make-up exams will only be given in extenuating circumstances and must have professional documentation for approval.

- Midterm I - PROCTORED 20% of grade - (Testing Window: Friday, July 17- Wednesday, July 22)
- Midterm II - PROCTORED 20% of grade (Testing Window: Thursday, July 30- Monday, August 3)
- Final Exam - Comprehensive & Proctored - THIS IS 30% of your grade (TESTING WINDOW: Friday, August 7- Wednesday, August 12)

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 final exam is required. Failure to take 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 visit the registrar's website.

11012 Intuitive Calculus Learning Outcomes

Knowledge

The students should be able to compute the derivative and the integrals of some elementary functions.

Comprehension

Should understand the meanings of the derivative, the indefinite and definite integrals of a function.

Application

To find the rate of change of a function, to minimize and maximize a function, to find the area of a region bounded by certain given curves.

Analysis

Should understand some basic proofs in the topics of derivatives and integrals.

Synthesis

N/A

Evaluation

Should be able to apply the knowledge of differentiation and integration to solve some application problems.

Class Activities

To solve problems in class.

Out of class Activities

To do the homework