

Kent State University - Stark Campus
INTUITIVE CALCULUS - 15820 - MATH 11012 - 650

Fall 2014

Instructor: Dr. Janice Kover

Phone: (330)499-9600, ext. 53409 (email will get a faster response than voicemail)

website: www.personal.kent.edu/~jkover

Office Hours: Mondays: 2-4:30pm (Virtual & Stark Campus), Tuesdays: 9:30-Noon (Virtual Only), Wednesdays: 8-10 am (Virtual & Stark Campus)

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 : "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) ANY edition will be fine this is just the text I will reference. I typically do not collect homework from the text. (I do not care if you purchase a text for this course.)

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. See page two for detailed learning outcomes given by the math department.

Course Policies:

1. Course grades are determined by:

13% - Videos Lessons YOU ARE GRADED BY THE ACCOMPANYING QUIZZES - these are NOT optional

13% - May include Turn-In Assignments, Surveys, Short Quizzes, Special Assignments or Q&A Forums

70% - Tests (2 non-proctored tests 7% each, midterm 30% proctored, semi-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. Assignments are typically due on Mondays. Please stay alert to due dates. While videos will stay open for review, 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. Stark Tutoring hours and 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.

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://stark.kent.edu/student/resources/accessibility.cfm> for more information on registration procedures).

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.registrars.kent.edu/home/TermUpdate/sche_adj.htm.

NOTICE OF MY COPYRIGHT AND INTELLECTUAL PROPERTY RIGHTS. Any intellectual property displayed or distributed to students during this course (including but not limited to powerpoints, notes, quizzes, examinations) by the professor/lecturer/instructor remains the intellectual property of the professor/lecturer/instructor. This means that the student may not distribute, publish or provide such intellectual property to any other person or entity for any reason, commercial or otherwise, without the express written permission of the professor/lecturer/instructor.

Learning Outcomes for Intuitive Calculus, MATH-11012

11012 Intuitive Calculus (3)

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.