INSTRUCTOR: *Dr Janice Kover*   **OFFICE**: Main Hall 409
PHONE: *(330)499-9600, ext. 53409 (email will get a faster response than voicemail)*   **E-MAIL:** jkover@kent.edu
OFFICE HOURS:
- Mondays: 9:00-noon, Virtual
- Tuesdays: noon-2:00pm, Virtual
- Wednesdays: 9:00am-noon, Virtual
- Thursday: 8am-10am, Virtual
  Typically, if you wished to meet in person at Stark Campus, you would make arrangements via email. However, due to COVID-19 this may not be possible.

COURSE GOALS: The purpose of this course is to develop conceptual understanding and fluency with algebraic techniques necessary for success in Calculus. We will study the notions of rate of change, average rate of change, elementary functions and graphs, including polynomial, rational, exponential, and logarithmic functions.   For more detailed learning outcomes, click here.

KENT CORE REQUIREMENT: This course may be used to satisfy the Kent Core Requirement. The Kent Core is the foundation of the university's mission to prepare students to live in today's complex, global society. It broadens intellectual perspectives, fosters ethical and humanitarian values and prepares students for responsible citizenship and productive careers.

COURSE PREREQUISITE: You are expected to have successfully completed (with a grade of C or better) MATH 00022 here at Kent or have an appropriate placement score on the university ALEKS placement assessment. If you do not satisfy these prerequisites, the Registrar may de-register you from this course.

MATERIALS NEEDED:

ONLINE ACCESS CODE: The Algebra for Calculus Online Access Card is required for this course and allows access to all required coursework. It is available through the bookstore under the ISBN of 2818440037863.

INTERNET ACCESS: Please be aware that this course is completely online, and thus will require a reliable high-speed internet connection all semester long.

WEBCAM AND MICROPHONE: You are required to have a webcam with microphone and high-speed internet access for use during exams and quizzes. These are necessary to enable online proctoring with a software product called Proctorio. This software is free for you and you will take the exams and quizzes during regular class time, in ***one sitting without interruption.***   The exams will start through Blackboard but will be integrated with iMathAS through Rational Reasoning, a website with which you'll gain familiarity as you begin the course.

CALCULATOR: A graphing calculator for class activities and homework assignments is highly recommended, but not required. At the very least you will need a scientific calculator. Please have the calculator handy for every lesson and assignment.

ESSENTIAL WEBSITES:
BLACKBOARD: We have a Blackboard site for this course, which you can enter via flashline. Click on the "Blackboard" icon in the upper right or click on the "Student Tools and Courses" tab, then "Blackboard Single Sign-on" in the upper left corner. You may enter our online class via the Blackboard Collaborate link,"ENTIRE OUR ONLINE CLASS HERE."

RATIONAL REASONING: Access to the **online text** at the website http://www.rationalreasoning.net

IMATHAS homework site: The lessons and homework will be completed on the software that accompanies the text. When you register on the Rational Reasoning site, you will automatically have an account created on IMathAS. There's a link to it on the Rational Reasoning site (first link in the left menu) or you could go to it directly to https://imathas.rationalreasoning.net/   Use the same login and password as you did for the Rational Reasoning site. Our course ID is 2265 and the enrollment code is *kover.*

LESSONS AND HOMEWORK:

You will complete regular lessons and homework assignments online through iMathAS. As this is a 3 credit-hour course you should expect to schedule on average 10-12 hours a week (this includes "lesson" time, which would be spent in class in a traditional course, and "homework/studying" which would be done outside of class in a traditional course). You may work each lesson and homework problem as many times as you like.

Online homework assignments and lessons are typically due at 11:59PM on Monday nights.

ASSIGNMENTS:

You will have an online quiz, on average, once a week**.**

EXAMS:

Exams will be proctored through Proctorio, and will require a webcam with a microphone along with a reliable high-speed internet connection. Students with concerns over equipment malfunction or internet connection issues should plan to start the exam as early as possible in the exam window in case of technical issues. Should your exam lock out or you experience any other technical difficulties, email me immediately. **Exams will be taken without any outside resources, notes, or other materials and is to be taken by yourself in a quiet room without movement, background motion, or any sort of interruption during your test taking.**

FINAL EXAM:

The final exam is a larger cumulative exam and will also be taken online with the use of Proctorio and follows the same requirements and expectations of the other three exams.

GRADING:		*Grading Scale*		
3 Exams @ 15% each	**45%**			
Homework	**15%**	A $93-100$		A− $90-92$
Quizzes and other assignments	**15%**	B+ $87-89$	B $83-86$	B− $80-82$
Final Exam	**25%**	C+ $77-79$	C $73-76$	C− $70-72$
		D+ $67-69$	D $60-66$	F $0-59$
Total	**100%**			

There will be NO CURVE

In order to continue on to MATH 11012 (Intuitive Calculus) or MATH 11022 (Trigonometry), you need to earn a grade of C or better in this course.

ACADEMIC COACHING: Academic Coaching is a personalized experience in which you work one-on-one with a peer coach to set goals, improve time management and develop learning skills in a supportive environment. Schedule your first coaching session through the Academic Success Center website at www.kent.edu/coaching
See all of the other ways that the Academic Success Center can support you this semester by visiting the ASC website for information about Scheduled Tutoring, Drop-in Tutoring, e-Tutoring, and on-demand Learning Skills Videos at www.kent.edu/asc

Important Policies:

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 Office of Student Conduct. Kent State University policy on academic honesty can be found at:
https://www.kent.edu/policyreg/administrative-policy-regarding-student-cheating-and-plagiarism

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).

Classes Canceled/Campus Closings: Announcements of class cancellations and/or campus closings will be made on the campus advisory page at www.kent.edu/stark/class-cancellations-advisories. In the case of an emergency, weather-related or otherwise, please check the homepage at www.kent.edu/stark for information. While information may be broadcast by radio and television, this should be confirmed by the homepage and FlashLine, which are the official announcement channels of the campus and will be used to determine issues related to student attendance, rescheduling of tests, and other concerns.

COURSE WITHDRAWAL: If you are considering withdrawing from this course, please consult with a staff member in the Student Services Office, 132 Main Hall. Withdrawal from a course can affect financial aid, student status, or progress within your major.

TUTORING: At the Stark Campus, : free, walk-in math tutoring is available 8 a.m. - 7 p.m. Monday through Thursday and 8 a.m. - 3 p.m. Friday in the Academic Success Center in the lower level of Campus Center. Tutoring may be offered at other campuses as well—check with your own Student Services for more info.

COMMUNICATON: Please check your university kent.edu email on a regular basis.

WITHDRAWAL DEADLINE: The official withdrawal deadline for this course is **Monday, March 29,** at midnight.

INTELLECTUAL PROPERTY AND PRIVACY. Any intellectual property displayed or distributed to students during this course (including but not limited to PowerPoint presentations, 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. Additionally, students may not distribute or publish recordings and/or links to live classroom presentations, lectures, and/or class discussions.

Learning Outcomes:

Determine parameters of a model given the form of the model and data.
Recognize function families as they appear in equations and inequalities an choose an appropriate solution methodology.
Purposefully create equivalencies and indicate when they are valid.
Interpret the function correspondence and behavior of a given model in terms of the context of the model.
Create linear models from data and interpret slope as rate of change.
Determine a reasonable applied domain for a model.
Analyze functions. Routine analysis includes discussion of domain, range, zeros, general function behavior.
Convert between different representations of function.
Perform operations with functions including addition, subtraction, multiplication, division, composition, and inversion
Use correct, consistent, and coherent notation.

Tentative Schedule:

	Week of:	Sections Covered:	Notes
1	18-Jan	1.1-1.5, Quiz 1	
2	25-Jan	1.6-1.10, Quiz 2	*Proctorio Practice Quiz*
3	1-Feb	2.1-2.6, Quiz 3	
4	8-Feb	2.7-2.11, Quiz 4	
5	15-Feb	**Exam 1**	**Exam 1: Feb 13-18**
6	22-Feb	3.1-3.6, Quiz 5	
7	1-Mar	3.7-3.10, Quiz 6	
8	8-Mar	4.1-4.6, Quiz 7	
9	15-Mar	**Exam 2**	**Exam 2: Mar 13-18**
10	22-Mar	5.1-5.4	
11	29-Mar	5.5-5.10	
12	5-Apr	6.1-6.5, Quiz 10, 6.6-6.9, Quiz 11	
13	12-Apr	*SPRING BREAK*	
14	19-Apr	**Exam 3**	**Exam 3: Apr 24-29**
15	26-Apr	7.1-7.4, Quiz 12	
		FINAL EXAM	**Final: May 6-11**