

Fall 2017 – MATH 12002-006 – Dr. Laura Smithies

Course Information

Course: - Calculus I - 15580 - MATH 12002-006-201780

Semester: Fall 2017

Meeting Times: Monday - Friday 12:05 - 12:55 PM

Meeting Place: Mathematical Sciences Bldg (MSB), Room 00121

Professor

Professor: **Dr. Laura Smithies**

Office Hours: Mon-Fri 11:00 AM - 12:00 PM; Tu, Th 8:45 - 9:15 AM; by appointment.

Office: 204 Mathematical Sciences Building

Office Phone: (330) 672-9027 (Voicemail will pick up after several rings.)

E-Mail: lsmithie@kent.edu (email me from your kent.edu email)

Website: www.math.kent.edu/~ smithies (**Please check regularly.**)

Course Goals and Overview

This course is an introduction to single variable calculus including derivatives and integrals. We will emphasize rigorous development of the material and its applications. This course may be used to satisfy a Kent Core requirement. The Kent Core as a whole is intended to broaden intellectual perspectives, foster ethical and humanitarian values, and prepare students for responsible citizenship and productive careers. (See our class website for complete learning outcomes.)

Course Calendar

Labor Day: Mon. Sept. 4th (Holiday)

Test 1: Fri. Sept. 22nd

Test 2: Fri. Oct. 13th

Test 3: Fri. Nov. 3rd

Vet Day: Fri. Nov. 10th (Holiday)

Thanksgiving: Nov 22,23,24 (Holiday)

Test 4: Fri. Dec. 1st

Final Exam: 10:15 AM - 12:30 PM, Thur. Dec. 14th, MSB Room 121

Course Requirements

Tests	400 points (4 exams @ 100 points each)
Final exam	150 points
Homework, quizzes, etc.	150 points (SCALED)
Total	700 points

The final exam is mandatory and will be comprehensive.

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Grade Scale

Percent	Grade	Percent	Grade	Percent	Grade	Percent	Grade
93 - 100	A	83 - 86	B	73 - 76	C	63 - 66	D
90 - 92	A-	80 - 82	B-	70 - 72	C-	60 - 62	D
87 - 89	B+	77 - 79	C+	67 - 69	D+	0 - 59	F

Attendance and class participation will be considered in determining borderline grades. The grade scale may be curved up (in students' favor) but will not be curved down.

Attendance and make up policy

All students are expected to attend essentially every class. A record of your attendance will be kept. If missing a class is unavoidable, you are still responsible for all material covered and all announcements and assignments made during your absence. Unannounced quizzes and/or homework collection *may* be used to encourage regular attendance. Students are also expected to complete assigned reading and home exercises, and to participate in class discussions.

Full credit **make up exams will not be given** except to those students who provide adequate documentation of a true emergency or appropriate university excused absence. See www.kent.edu/policyreg/administrative-policy-regarding-class-attendance-and-class-absence. If you will miss an exam, contact me as soon as possible at lsmithie@kent.edu. Late homework is only accepted, and make up quizzes are only given for university excused absences. However, a few of your lowest homework/quiz scores will be dropped before your homework/quiz score is calculated (See course requirements above.)

This syllabus is a guideline but changes may be announced in class.

Prerequisites and Required Material

Students who have not taken a mathematics course at KSU must see an academic advisor in the Student Advising Center for placement. The prerequisites for this class is a grade of C (2.0) or better in Math 11022 and in one of 11010 or 11011 or a grade of C (2.0) or better in Math 12001. Students who do not have the proper prerequisites risk being deregistered from this class.

The KSU bookstore carries the following required material for this class:

TITLE: ESSENTIAL CALCULUS Vol I. (Custom Package)

AUTHOR: James Stewart

EDITION:2nd14

ISBN: 9781305291522

Webassign (Online homework) is available for purchase but is not required.

Resources for Help

This course section is supported by **free** Scheduled and/or Drop-In tutoring offered through the Academic Success Center (ASC). Students interested in Scheduled tutoring should stop by the Center for Undergraduate Excellence (CUE) during the first week of classes to sign up. Drop-In tutoring is available during the day in the library, and also in select residence hall locations in the evenings. For more information, please visit www.kent.edu/asc

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Additional Information

- Every class has its own schedule of deadlines and considerations. To view the add/drop schedule and other important dates for this class, go to the Students Tools and Courses tab in FlashLine and choose either View or Print Student Schedule. To see the deadlines for this course, click on the CRN or choose the Drop or Add a Course link and click on the green clock next to the course under Registration Deadlines.

- The official registration deadlines can be found at https://keys.kent.edu:44220/ePROD/bwlkffcs.P_AdvUnsecureCrseSearch?term_in=201780. This site also gives the dates for the last day to withdraw from this class without receiving a grade of 'W' and the last day to withdraw from this class and receive a grade of 'W'. University policy requires all students to be officially registered in each class they are attending. Students who are not officially registered for a course by published deadlines should not be attending classes and will not receive credit or a grade for the course. Each student must confirm enrollment by checking his/her class schedule (using Student Tools in FlashLine) prior to the deadline indicated. Registration errors must be corrected prior to the deadline.

- University policy 3342-3-01.8 deals with the problem of academic dishonesty, cheating, and plagiarism. None of these will be tolerated in this class. The sanctions provided in this policy will be used to deal with any violations. If you have any questions, please read the policy at <http://www.kent.edu/policyreg/administrative-policy-regarding-student-cheating-and-plagiarism> and/or ask. A condensed version of these policies is on our class website.

- University policy 3342-3-01.3 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 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).

General Expectations

Each student is responsible for attending class regularly, carefully completing daily reading and homework assignments, coming to class on time and prepared, and actively participating in class. Any student having trouble with the material is responsible for seeking help from the instructor, tutors, or fellow students.

Reading will be assigned daily. The lectures are designed to supplement and amplify your reading, not replace it. That means that you are expected to complete the reading assignment before class so that you can engage in a discussion of the material. Also, you will be accountable for information in the book that will not be covered explicitly in class. At first, this may be difficult, but with time and effort you will get better at reading mathematics, and you may find that the book is pretty readable.

To master the material in this course, you will have to work lots of exercises. I will assign many problems. I will collect and grade some problems but most will not be graded. However, most students will find that they need to spend 10 to 15 hours a week working on this material outside of class.

Although most homework assignments will not be collected, they are *all* expected to be completed. It is expected that reading, studying the text and notes, and working homework problems will require *at least* two to three hours per hour of instruction.