Course Information

Course: - Calculus II - 15358 - Math 12003-003-201610/
       Honors Calc II - 15357 - MATH 12003-002-201610
Semester: Spring 2016
Meeting Times: Mon - Fri 9:55 - 10:45 AM
Meeting Place: Mathematical Sciences Bldg (MSB), Room 00115

Professor

Professor:  Dr. Laura Smithies
Tentative Office Hours:  Mon-Fri 9:00 AM - 9:55 AM, after 10:45 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 covers the second semester of single variable calculus and analytic geometry. It includes a continued study of techniques and applications of integration; trigonometric, logarithmic and exponential functions; polar coordinates; vectors; parametric equations; sequences and series.

Honors students are expected to complete all of the homework, quiz, and test requirement which are expected from all students in this class. Additionally, honors students must complete a short project such as writing a 3 to 5 page report explaining some aspect of an application of this course material. For example, students could describe how vector equations can be used to predict planetary motion. Report topics must be approved in advance by the instructor. Reports are due before the final exam.

This course can be used as a Kent Core Course in Math and Critical Reasoning. It is also Transfer Module-Mathematics. (See my website for complete learning outcomes.)

Course Calendar

Test 1:  Fri. Feb. 5th
Test 2:  Fri. Feb. 26th
Spring Recess:  Mar. 21 - 25 (Holiday)
Test 3:  Fri. Apr. 1st
Test 4:  Fri. Apr. 29th
Final Exam:  10:15 AM - 12:30 PM, Thur. May 12th, MSB Room 115
Course Requirements

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

The final exam is comprehensive and includes material covered after Test 4.

Grade Scale

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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. Unannounced quizzes and/or homework collection may be used to encourage this. 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 (e.g., a police report or hospital admittance form, etc.) or University approved absense. If you will miss an exam, contact me as soon as possible at lsmithie@kent.edu.

Late homework is not allowed and make up quizzes are never given. However, a few of your lowest homework/quiz scores will be dropped from the course requirement.

You are responsible for all announcements made in class. 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 12002 (Calc I). Students who do not have the proper prerequisites risk being deregistered from this class.

The KSU bookstore carries the following material for this class:
TITLE: ESSENTIAL CALCULUS VI with Webassign
AUTHOR: James Stewart
EDITION: 2nd
ISBN: 9781305291522
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

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 are posted on https://www.kent.edu/registrar/calendars-deadlines. 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/chap3/3-01-8.cfm and/or ask. A condensed version of these policies is on my departmental webpages.

• 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 Accessability 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 day.

Your book comes with the online program Webassign. If you want to you can self-enroll in Webassign at the website http://webassign.net/login.html. The login information is

Instructor: Laura Smithies
Section: Math 12003, Section 003
Class Key: kent 6406 0145

The use of Webassign is totally optional. It will not affect your grade in any way.