Welcome to calculus! I hope that you are as excited about this course as I am. Calculus provides basic preparation for numerous fields in science and business. It is incredibly applicable.

There will be four tests and a comprehensive final. Online homework will be assigned regularly. We will be using WebAssign for homework. You will need to self-enroll in Webassign. The class key is wku 9419 3590. Additional information about this can be found below. In addition you will be given a number of special honors homework assignments during the year. They will be more challenging than the typical homework problems.

Learning Outcomes: MATH 136: Calculus I meets five learning objectives as part of the Colonnade Plan requirement for Quantitative Reasoning. Students will demonstrate the ability to:

1. Interpret information presented in mathematical and/or statistical forms.

2. Illustrate and communicate mathematical and/or statistical information symbolically, visually and/or numerically.

3. Determine when computations are needed and execute the appropriate computations.

4. Apply an appropriate model to the problem to be solved.

5. Make inferences, evaluate assumptions, and assess limitations in estimation modeling and/or statistical analysis.
• The Learning Center (TLC)  Should you require academic assistance with your WKU courses, The Learning Center (located in the Downing Student Union, 2141) provides free supplemental education programs for all currently enrolled WKU students. The Learning Center at Downing Student Union offers certified, one-on-one tutoring in over 200 subjects and eight academic skill areas by appointment or walk in. Online tutoring is offered to distance learners. TLC is also a quiet study area (with side rooms designated for peer-to-peer tutoring) and a computer lab to complete academic coursework. Please call TLC in the Downing Student Union at (270) 745-5065 for more information or to schedule a tutoring appointment. www.wku.edu/tlc

Libraries:
1. WKU Libraries has subject specialist faculty members who work with every department and program on campus.
2. Students can make an appointment with the subject specialist faculty librarian any time they have a paper or project.
3. As your own personal librarian, the subject specialist library faculty member sit down with students and helps them get started with their research, makes sure the students know how to use the online resources, etc.

Students with disabilities: In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Student Accessibility Resource Center (SARC) in Downing Student Union 1074. The SARC telephone number is (270) 745-5004; TTY is (270) 745-3030. Per university policy, please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the SARC.

Your grade will be determined as follows:
Homework  20%
Test (4) 60%
Final  20%

Keep up! Do your homework and please make use of my office hours. That time is yours not mine! If I did not enjoy talking to students, I would not teach. Any test with the exception of the final may be taken early if I am contacted in time.

Exam I  Thursday, Sept. 8
Exam II Thursday, Sept. 29
Exam III Thursday, Oct.27
Exam IV Thursday Nov. 17
Final  Friday, Dec. 9  10:30 – 12:30

Departmental Syllabus
Math 136
Calculus of a Single Variable Early Transcendental Functions W/Enhanced Webassign 6e
Math 136 Days
Chapter 1: Preparation for Calculus 2
Chapter 2: Limits and Their Properties 5
Chapter 3: Differentiation 9-10
Chapter 4: Application of Differentiation 8
Chapter 5: Integration (Sections 5.1-5.7) 7
Chapter 6: Differential Equations (Sections 6.1-6.3) 3
Chapter 7: Applications of Integration (Sections 7.1) (Optional)

Tests: 3-4

Total: 37-39

Student Registration Instructions

Course Name: Honors Calculus I – Math 136 - 013
Start Date: August 25, 2014
Instructor Name: Professor Spraker
Class Key: wku 9419 3590

Enrolling Yourself in a Class Using a Class Key

If your instructor gives you a WebAssign class key, you can enroll yourself in the WebAssign class roster. If you do not already have a WebAssign account, you can create one after verifying the class key.

🌟 Important: An access code is not the same as a class key. You need a class key to enroll. You might need to pay student fees later with your access code.

To self-enroll for a class:

1. Go to the WebAssign login page (www.webassign.net), and click I have a Class Key.

![Class Key Input](image)

2. Enter the Class Key your instructor gave you, and click Submit.

3. On the verification page, check the class information and determine whether or not the correct class and section is displayed.
   - If the correct class and section is listed, click Yes, this is my class and go to step 4.
4. If you have an existing WebAssign account, select **I already have a WebAssign account**, type the **Username**, **Institution**, and **Password** for your account, and click **Continue**. You are enrolled in the class and logged in to WebAssign using your existing account.

5. If you do not have an existing WebAssign account, you can create one now.
   a. Select **I need to create a WebAssign account**, and then click **Continue**.
b. Type the username that you would like to use for your WebAssign account in the Preferred Username field, and click Check Availability to see if the username that you want is available. Usernames are not case-sensitive, so BobSmith, bobSmith, and bobbsmith are all the same username.

c. After confirming the availability of your new username, type a password in both the Password and Re-Enter Password fields. Passwords are case-sensitive, so IAmCa3sar is not the same as iamca3sar.

d. Enter your First Name, Last name, and Email Address, and optionally your Student ID Number.

e. Click Create My Account.

WebAssign confirms that your account has been created. You can click Log in now to log in to the new user account and go to your home page. Remember your username and password, because you will need them each time you log in.

Tip: If you forget your password, you can click the Reset Password link on the login page. If you forget your username, your instructor can look up your username for you.