

## MATH 152 05 - Calculus I

Department of Mathematical Sciences

Spring 2019

**READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!**

**Prerequisite:** Math 115 & Math 121 or Math 119 (grades of C- or better or Math Placement Exam)

**Course Description:** This course introduces students to the concepts of the derivative and its applications, the indefinite integral, the definite integral and their applications. Proofs and derivations of basic ideas will be presented but the emphasis of the course is on understanding and application. This course is intended for B.S. Mathematics majors, B.S. Biology, chemistry, and physics majors and minors, B.A. Mathematics majors and concentrates (including specializations in actuarial science, operations research, and statistics), and B.A. Chemistry, earth science, natural science, and physics majors and concentrates.

**Textbook:** University Calculus, Early Transcendentals (3rd edition), by Hass, Weir and Thomas (covers Calculus I, II and III) OR University Calculus, Early Transcendentals, Part One, Single Variable (3rd edition), by Hass, Weir and Thomas (covers Calculus I and II)

**Instructor:** Dr. Eran Makover

**Phones:** Office: (860) 832-2941

**Email:** *makovere@ccsu.edu* best way to reach me

**Office:** Marcus White 103

**Office Hours:** MWF 10:30-12:00 and M 3:00-4:00, or by appointment

**Class Meeting Times:** MWF 12:15 – 1:25 Maria Sanford Hall 203

**Coverage:** We will cover chapters 2-5

**We will be using MyMathLab:** The Course ID is makover71527

You will need to register at: <http://pearsonmylab.com/>

## Course Requirements:

Attend and participate in class regularly, complete assignments, and take quizzes and tests as scheduled. Quizzes and homework cannot be made up. No Make-Up Exam will be given unless there exists an extenuating circumstance and **prior** consent is given. In the case of an extenuating circumstance, the missed test must be made up prior to the next class meeting.

A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class.

Electronic devices must be turned off before entering the classroom, unless the professor has instructed students otherwise. Using an electronic device during class for purposes not related to instruction will have a negative impact on your course grade.

You will need a graphing calculator for this course (TI-83, TI-84, or TI-Nspire ).

**Homework: Doing homework is the most important part of your course work.** After each class you will find the homework at MyMathLab course website. You are expected to do all homework assign before the next class, although homework will not be collected you need to write down you work. The online homework is to help you track you progress, remember that on the tests you will be required to justify you answers therefore write a complete justification for every problem don't just guess the correct choice.

Tentative date for the first test February 27

**Final Exam:** Monday May 13, 10:30-12:30

**Electronic Devices Policy:** Cell phones, laptops, MP3's, PDA's, or any form of personal electronic or communication devices, are not to be used during class, exams, or quizzes unless special accommodations are necessary.

## Attendance and Class Participation Policy:

- a. You are expected to attend every class. If you can't attend class, you need to contact one of your classmates to find out what you have missed and get the notes.
- b. In the case of an unavoidable absence, please notify me in **advance** of the date, or, if that is impossible, phone or e-mail me at the time of the absence.
- c. You are expected to participate in every class. Class participation consists of asking questions, responding to questions in class or participating in group activities.

### University Policies:

- a. You must take the final examination on Monday May 13, 10:30-12:30 in our regularly scheduled classroom.
- b. *Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Stephanie Scapeccia in Student Disability Services at: (860) 832-1952, Willard, Rooms 201, if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with faculty.*
- c. In the event of a weather or other emergency curtailment or cancellation of classes, listen to WTIC (1080 AM), call 860-832-3333 for any messages, or visit the CCSU website
- d. The last day to withdraw from a course is April 22, Approvals for withdrawal are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessations of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student's intention to drop the course. After April 22 withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair. Poor academic performance is not considered an extenuating circumstance.

### Resources Available:

- a. If you need help, take advantage of my office hours or schedule another time to meet with me. Do not wait until just before a quiz or test to do so.
- b. **\*\***The Learning Center is in Diloretto, Room 316 where free tutoring is available. A schedule of hours the Center is open will be posted soon after the beginning of the semester.  
[web.ccsu.edu/tlc/](http://web.ccsu.edu/tlc/)
- c. Log onto to eTutoring.org and use your CCSU 8 digit ID number as your Username. Your password is *pass* plus the last four digits of your Social Security number. It is recommended that you change this password after your first login.
- d. Form a study group with other students in your section. Explaining solutions to homework exercises to each other and preparing for quizzes and tests together are good ways to learn.
- e. A list of private tutors for hire is available in the math department office, Room 128 Marcus White, 832-2835.

Central Connecticut State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon age; ancestry, color; gender identity and expression; intellectual disability; learning disability; mental disorder; physical disability; marital status, national origin; race; religious creed; sex, (including pregnancy, transgender status, sexual harassment and sexual assault); sexual orientation; or any other status protected by federal or state laws. Any student who has concerns about should contact the Office of Diversity and Equity (ODE) at 860-832-1652, Student Affairs at 860-832-1601, or his/her faculty member. The ODE is located on the main floor of Davidson Hall, room 102.

Central Connecticut State University is committed to providing a learning and working environment that emphasizes the dignity and worth of every member of its community. Sexual harassment (including sexual assault) in any form will not be tolerated. Sexual harassment" means unwelcome sexual advances, requests for sexual favors, and/or other verbal or physical conduct of a sexual nature. Such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creating an intimidating, hostile, or offensive working or academic environment in any University activity or program. For additional information, please consult the CCSU policies at <http://www.ccsu.edu/diversity/policies/index.html>. **All faculty members and staff have a duty to report incidents of sexual harassment including sexual violence to Rosa Rodríguez, Title IX Officer, Office of Diversity and Equity, Davidson Hall, 102.**

**To file a report contact:** Diversity and Equity (860-832-1652); Student Affairs (860-832-1601); Student Conduct (860-832-1667) or the University Police (860-832-2375).

**For support and advocacy contact:** Office of Victim Advocacy & Violence Prevention (Carroll Hall 248) at 860-832-3795 to speak with Sarah Dodd {sarahdodd@ccsu.edu}; Student Wellness Services at 860-832-1945 (confidential), the Women's Center at 860-832-1655, the local YWCA's Sexual Assault Crisis Services Hotline at 860-223-1787 (confidential) and Prudence Crandall Center for Domestic Violence (confidential) at 888-774-2900 (24-hour hotline).

**Academic Integrity:** All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion.

For further information on academic misconduct and its consequences, please consult the Student Code of Conduct (<http://www.ccsu.edu/StudentConduct/codeofconduct.asp>) and the Academic Misconduct Policy (<http://www.ccsu.edu/AcademicIntegrity/>).

## Evaluation

The average for the course will be based on the following weights:

<b><u>Three exams</u></b> (highest exam score weighted 30%, second highest weighted 20%, lowest score weighted 10%)	<b>60%</b>
<b><u>Online homework</u></b>	<b>20%</b>
<b><u>Final Examination</u></b>	<b>20%</b>
<b><u>Total</u></b>	<b>100%</b>

**Three exams:** the three exams count 60%, but are weighted in your favor according to the following scheme: your highest score is weighted 30%, second highest weighted 20%, lowest score weighted 10%.

**Note:** In order to receive the grade of C- or better for the course, you must receive the grade of at least 60% on the final exam.

%%%%%%%%%

**The single most valuable piece of advice in this whole syllabus (really):**

***It is virtually impossible to pass this course without doing the homework!* (No kidding!) This is not a threat, but simply a *reality* of math courses. Just watching me work problems in class is *not* sufficient. It would be like taking a course in swimming without ever getting in the water. The only way you learn this stuff is with lots of practice (the same was true for me, too). That means you need to do *all* the homework religiously.**

**A Useful Diagnostic: If you work the problems using the solutions in the back of the book or a tutor, *be careful* not to fool yourself. Until you can do a problem without *constant* help from the tutor or without *constantly* looking at the solution, then you do not really understand how to do the problem. Remember that the solution or the tutor will not be there to help you on an exam. That doesn't mean don't use them – it simply means don't use them as a crutch.**