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

Prerequisite: Math 152 with a C- or better

Course Description: MATH 221 is the continuation of the study of the Calculus.

This course continues the discussion of derivatives and integrals, including the area between curves, volume, and arc length. It also covers improper integrals, indeterminate forms, sequences, and infinite series. The student will be responsible for the statement and application of basic definitions, formulas, and theorems. Proofs and derivations of basic ideas should be presented but the emphasis of the course is on understanding and applications rather than on rigorous proof and derivation.

Instructor: Dr. Jeff McGowan – call me Jeff!

Phones: Office: (860)832-2850

Email: mcgowan@ccsu.edu best way to reach me

Office: Marcus White 108

Office Hours: By appointment, online.


Coverage: We will cover the following material,

1 Applications of Integration
2 Techniques of Integration.
3 Introduction to Differential Equations.
4 Sequences and Series
5 Power Series.
6 Parametric Equations and Polar Coordinates
In general, I will assign a limited set of homework, and you should make a real attempt to do them all! We now have Mathematica and Maple available for use on computers in the micro lab, and I will give some assignments which use the software.

**University Policies:**

1. You must take the final examination at the time specified in the course selection book *add time appropriate for your section.*

2. If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible. My telephone numbers and office hours are given above.

3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message.”

4. Last day to drop a course is April 14. Forms are available in the Enrollment Center, Willard Hall. Cessation 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. Undergraduate full time students for whom dropping a course would reduce their credit load to fewer than 12 credits MUST apply for withdrawal.

Central Connecticut State University provides reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act for students with documented disabilities on an individualized basis. If you are a student with a documented disability, and would like to request academic accommodations, you are encouraged to contact Student Disability Services (SDS) at 860-832-1952, or email disabilityservices@ccsu.edu. Please visit the SDS website at http://www.ccsu.edu/sds/ to download an Intake form and documentation requirements. Once approved, SDS suggests that students discuss their approved accommodations with their professors, as well as any other additional medical emergency needs. Temporary impairments may also qualify for accommodations. Please note that accommodations are not retroactive and must be requested each semester.

**Statement on Discrimination and Harassment**

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; reli-
gious 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.

Sexual Misconduct, Intimate Partner Violence and Stalking

Option 1. 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 offen-
sive working or academic environment in any University activity or program. For additional in-
formation, please consult the CCSU policies at http://www.ccsu.edu/diversity/policies/in-
dex.html. All faculty members and staff have a duty to report incidents of sexual harassment in-
cluding sexual violence to Rosa Rodríguez, Title IX Officer, Office of Diversity and Equity, 
Davidson Hall, 102.

Option 2. Central Connecticut State University (CCSU) will not tolerate sexual misconduct 
against students, staff, faculty, or visitors in any form, including but not limited to: sexual as-
sault, sexual exploitation, sexual harassment or stalking, as defined in CCSU policies. For addi-
tional 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).
Evaluation

Your grade is based on the following

I’ve always hated in class tests, and now that we finally have a good online system up and running, I’m doing something about it. No in class tests at all. You will have 7 online homework assignments and 4 online tests. The homework assignments will be up for several weeks, as will the tests - you can complete them anytime in that window. For homework you can log in and out and finish over the course of days or even weeks. For tests you get three tries and have 200 minutes to complete it each time. Each test is 10 questions so that’s 20 minutes per question. When you finish the test make sure to hit the “Grade Test” button, that records your answers. You get unlimited tries on each test, so the first time you hit “Grade Test” it will tell you which are correct and which are wrong. You can then go back and fix the wrong ones, and hit “Grade Test” again. You can keep doing this until you run out of time. You can work on homework together, but must do tests alone. You can use any resources for either, books, notes, online sources, etc. Each homework counts 5 points, the first three tests 15 and the fourth test 20, so the maximum possible grade is 100.

The online work is available at ccsuwebworks.website/webwork2. You will get an email with login information. As far as I’ve been able to tell, it works in any browser on any system, including phones and tablets.