Syllabus
Summer Semester, 2026
MATH 2654, Calculus III

Text: *Calculus, Volume 3*, by G. Strang and E. Herman, Openstax.

The student can download the text for free at

https://openstax.org/details/books/calculus-volume-3.

Instructor: Dr. Mark Faucette

Office: Technology-Enhanced Learning Center, Room 2247

Phone: My contact phone number is 470-729-1129. This is my Google voice phone number. It will ring my campus phone and my cell phone.

E-Mail: My e-mail address is faucette@westga.edu.

The Web: My web page is at URL http://mfaucette.dyndns.org. The full course syllabus is located on my web site and can be downloaded as a pdf file. It is the student's responsibility to download and/or to print the syllabus and to follow it.

Office Hours: My office hours are by appointment on Zoom. Appointments may be made via email and can be most anytime. Please schedule your appointment far enough in advance so we can confirm the appointment in a timely manner.

I do not hold office hours during final exam week.

Required Equipment: The following is required for this course:

- A graphing calculator is required for this course. Graphing calculators equivalent to the TI-83, 84, 85, and 86 will be allowed on the tests and the final examination, as will scientific calculators. The TI-89 and other equivalent calculators will **not** be allowed.
- Technology needed:
  - Laptop or Desktop computer with Windows 7 or newer **or**
  - Laptop or Desktop computer with Mac OS X 10.12 or newer
  - Webcam & microphone
  - Broadband internet connection

Common Language for Course Syllabi: Students, please carefully review the following information at the link

http://www.westga.edu/UWGSyllabusPolicies/.

It contains important material pertaining to your rights and responsibilities in this class. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

Grading Policy

Homework (150 points) Homework will be completed online using MyOpenMath. Homework will be scaled to count one hundred fifty points.

Quizzes (100 points) Quizzes will be completed online using MyOpenMath most every Friday. Quizzes will be scaled to count one hundred points.

Tests (500 points) There will be five tests, each counting one hundred points.

Final Examination (250 points) There will be one comprehensive final examination counting two hundred fifty points.

At the end of the semester, the following grading scale will be used:

- 1000 points is the total number of points possible.
- A total of 900–1000 points earns an A.
- A total of 800–899 points earns a B.
- A total of 700–799 points earns a C.
- A total of 600–699 points earns a D.
- A total below 600 points earns an F.

Expectations

Course Content: The course will cover the topics listed on the attached learning schedule.

Reading Assignments: This course is an online internet based course. You will do most of your learning by actively reading the textbook, asking questions, and engaging the material on a regular, frequent basis. There are also slide shows available on CourseDen for each section of the book covered during the course.

You can find a large number of examples worked completely in the text. If you are diligent, you will find these examples a great help in completing the homework assignments and earning a satisfactory grade at the end of the semester.

Make-Up Work: There are no make-up grades for any reason. Students must complete all the homework assignments and quizzes when they are due. Each student is responsible for following the learning schedule and keeping up with the course. Students must complete all the tests when they are due. Students having an unexcused missed test will receive a grade of zero for that test. Students having an excused missed test on the day of a test will have their test average entered for the missed grade. This may only be done once. Missed tests must be excused *before* they occur except in extraordinary cases, such as active military duty, jury duty, or hospitalization. *Being sick, short of being hospitalized, is not an excuse.* If you anticipate missing a test for a religious holiday, it is your responsibility to notify me *in advance.*

Homework: For each section of our text, there will be an accompanying homework assignment found on MyOpenMath which has been integrated into CourseDen. *Do not create an account in MyOpenMath for this course.* Deadlines for each section will be found on CourseDen with each assignment throughout the semester. Homework will be scaled to count one hundred fifty points.

There are no extensions on the due dates for homework for any reason.

Quizzes: Quizzes will be completed online using MyOpenMath most every Friday. Quizzes will be scaled to count one hundred points.

There are no extensions on the due dates for quizzes for any reason.

Tests: There will be five tests administered on Thursday, June 11; Thursday, June 18; Monday, June 29; Monday, July 6; and Wednesday, July 15.

You will be required to use Respondus LockDown Browser and Monitor to take these tests.

You will need your calculator for each test.

Midterm: The last day to withdraw with a W is Wednesday, July 1.

Final Examination: There will be a comprehensive final examination administered during the final exam period of Thursday, July 16, and Friday, July 17.

You will be required to use Respondus LockDown Browser and Monitor to take the final examination. Information is in the next section of the syllabus.

You will need your calculator for each test.

Using LockDown Browser and a Webcam for Online Exams

I will be offering the tests and final examination in two different formats.

First, I will offer them face to face on the Carrollton campus with me proctoring. You will need to present your UWG student ID in order to take the test. The arrangements for the time and place of these events will be announced well in advance.

Second, if you are unable to come to campus to take the tests and the exam, I will be proctoring your tests and final examination using Respondus Lockdown Browser with Monitor. You will need to have a desktop or laptop with Windows 7 or newer or Mac OS X 10.12 or newer. You will need a webcam and a microphone. You will need a broadband internet connection. You will need to present your UWG student ID in order to take the test.

Then download and install LockDown Browser through this link:

https://www.westga.edu/uwgonline/exams.php

To ensure LockDown Browser and the webcam are set up properly, do the following:

- Start LockDown Browser, log into CourseDen, and select this course.
- Locate and select the Help Center button on the LockDown Browser toolbar.
- Run the Webcam Check and, if necessary, resolve any issues.
- Run the System & Network Check. If a problem is indicated, see if a solution is provided in the Knowledge Base. Troubleshooting information can also be emailed to our institution's help desk.
- Exit the Help Center and locate the practice quiz named, appropriately enough, *Practice Quiz*. The practice quiz can be found by choosing *Quizzes* from the *Assessments* dropdown menu.
- Upon completing and submitting the practice quiz, exit LockDown Browser.

When taking an online exam that requires LockDown Browser and a webcam, remember the following guidelines:

- Select a location where you are comfortable having a video recording taken of yourself and your workspace environment. This area should also be free of distractions and interruptions.
- Turn off all other devices (e.g. tablets, phones, second computers) and place them outside of your reach.
- Clear your desk of all external materials not permitted—books, papers, other devices.
- Before starting the test, know how much time is available for it, and that you've allotted sufficient time to complete it.
- Remain at your device for the duration of the test.
- If the computer or networking environment is different than what was used previously with the Webcam Check and System & Network Check in LockDown Browser, run the checks again prior to starting the test.

- To produce a good webcam video, do the following:
  - Avoid wearing baseball caps or hats with brims
  - Ensure your device is on a firm surface (a desk or table). Do NOT have the computer on your lap, a bed, or other surface where the device (or you) are likely to move
  - If using a built-in webcam, avoid tilting the screen after the webcam setup is complete
  - Take the exam in a well-lit room and avoid backlighting, such as sitting with your back to a window

MATH 2654 Learning Schedule

Monday, June 1	Start Here Module
Tuesday, June 2	Vectors in the Plane
Wednesday, June 3	Vectors in Three Dimensions
Thursday, June 4	The Dot Product
Friday, June 5	The Cross Product
Monday, June 8	Equations of Lines and Planes in Space
Tuesday, June 9	Cylindrical and Spherical Coordinates
Wednesday, June 10	Vector-Valued Functions and Space Curves
Thursday, June 11	Calculus of Vector-Valued Functions (Test 1)
Friday, June 12	Arc Length and Curvature
Monday, June 15	Motion in Space
Tuesday, June 16	Functions of Several Variables
Wednesday, June 17	Limits and Continuity
Thursday, June 18	Partial Derivatives (Test 2)
Friday, June 19	Tangent Planes and Differentials
Monday, June 22	The Chain Rule
Tuesday, June 23	Directional Derivatives and the Gradient Vector
Wednesday, June 24	Maxima/Minima Problems
Thursday, June 25	Lagrange Multipliers
Friday, June 26	Double Integrals over Rectangular Regions
Monday, June 29	Double Integrals over General Regions (Test 3)
Tuesday, June 30	Double Integrals in Polar Coordinates
Wednesday, July 1	Triple Integrals
Thursday, July 2	Triple Integrals in Cylindrical and Spherical Coordinates
Friday, July 3	Calculating Centers of Mass and Moments of Inertia
Monday, July 6	Change of Variables in Multiple Integrals (Test 4)
Tuesday, July 7	Vector Fields
Wednesday, July 8	Line Integrals
Thursday, July 9	Conservative Vector Fields
Friday, July 10	Green's Theorem
Monday, July 13	Divergence and Curl & Surface Integrals
Tuesday, July 14	Stokes' Theorem
Wednesday, July 15	The Divergence Theorem (Test 5)

Academic Honesty
Prohibited Conduct[1]

The penalty for violating this policy is failure in the course.

General standard of conduct: No student shall knowingly perform, attempt to perform, or assist another in performing any act of dishonesty on academic work to be submitted for academic credit or advancement. The term "knowingly," as used in the preceding sentence, means that the student knows that the academic work involved will be submitted for academic advancement. "Knowingly" does not mean that the student must have known that the particular act was a violation of the University's academic honesty policy. A student does not have to intend to violate the honesty policy to be found in violation. For example, plagiarism, intended or unintended, is a violation of this policy.

Examples of Academic Dishonesty: The following acts by a student are examples of academically dishonest behavior:

I. Plagiarism - Submission for academic advancement the words, ideas, opinions or theories of another that are not common knowledge, without appropriate attribution to that other person. Plagiarism includes, but is not limited to, the following acts when performed without appropriate attribution:
   A. Directly quoting all or part of another person's written or spoken words without quotation marks, as appropriate to the discipline;
   B. Paraphrasing all or part of another person's written or spoken words without notes or documentation within the body of the work;
   C. Presenting an idea, theory or formula originated by another person as the original work of the person submitting that work;
   D. Repeating information, such as statistics or demographics, which is not common knowledge and which was originally compiled by another person;
   E. Purchasing (or receiving in any other manner) a term paper or other assignment that is the work of another person and submitting that term paper or other assignment as the student's own work.

II. Unauthorized assistance - Giving or receiving assistance in connection with any examination or other academic work that has not been authorized by a faculty member. During examinations, quizzes, lab work, and similar activity, students are to assume that any assistance (such as books, notes, calculators, and conversations with others) is unauthorized unless it has been specifically authorized by a faculty member. Examples of prohibited behavior include, but are not limited to, the following when not authorized:
   A. Copying, or allowing another to copy, answers to an examination;
   B. Transmitting or receiving, during an examination, information that is within the scope of the material to be covered by that examination (including transmission orally, in writing, by sign, electronic signal, or other manner);
   C. Giving or receiving answers to an examination scheduled for a later time;

[1]The content of this page is taken from the document *Academic Honesty Policy (A Culture of Honesty),* Section 5, The University of Georgia.

D. Completing for another, or allowing another to complete for you, all or part of an assignment (such as a paper, exercise, homework assignment, presentation, report, computer application, laboratory experiment, or computation);

E. Submitting a group assignment, or allowing that assignment to be submitted, representing that the project is the work of all of the members of the group when less than all of the group members assisted substantially in its preparation;

F. Unauthorized use of a programmable calculator or other electronic device.

III. Lying/Tampering/Bribery - Bribery or giving any false information in connection with the performance of any academic work or in connection with any proceeding under this policy. This includes, but is not limited to:

A. Giving false reasons (in advance or after the fact) for failure to complete academic work. This includes, for example, giving false excuses to the Faculty Member or to any University official for failure to attend an exam or to complete academic work;

B. Falsifying the results of any laboratory or experimental work or fabricating any data or information;

C. Altering any academic work after it has been submitted, unless such alterations are part of an assignment (such as a request of an instructor to revise the academic work);

D. Altering grade, lab, or attendance records. This includes, for example, the forgery of University forms for registration in or withdrawal from a course;

E. Damaging computer equipment (including disks) or laboratory equipment in order to alter or prevent the evaluation of academic work, unauthorized use of another's computer password, disrupting the content or accessibility of an Internet site, or impersonating another to obtain computer resources;

F. Giving false information or testimony in connection with any investigation or hearing under this policy;

G. Submitting for academic advancement an item of academic work that has previously been submitted (even when submitted previously by that student) for academic advancement, unless done pursuant to authorization from the Faculty Member supervising the work or containing fair attribution to the original work.

IV. Theft - Stealing, taking or procuring in any other unauthorized manner (such as by physical removal from a professor's office or unauthorized inspection of computerized material) information related to any academic work (such as exams, grade records, forms used in grading, books, papers, computer equipment and data, and laboratory materials and data).

V. Other: Any failure to comply with a duty imposed by this policy. There is no penalty for failing to report another student's dishonesty or for failing to testify in an academic honesty proceeding.

Any behavior that constitutes academic dishonesty is prohibited even if it is not specifically listed in the above list of examples.