

MATH-2415-40001 Calculus III

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Term: 2025 Fall	Last day to drop: 12/04/25
Official day of record: 09/10/25	
100% Refund: 08-24-2025	70% Refund: 09-15-2025
25% Refund: 09-22-2025	

Student Support Hours

Day	Start	End	Start	End	Start	End
Mon	02:20 PM	04:20 PM	06:30 PM	07:30 PM		
Tue	02:20 PM	04:20 PM				
Wed	02:20 PM	04:20 PM	06:30 PM	07:30 PM		
Thu	02:20 PM	04:20 PM				
Fri						
Sat						
Sun						

Comments:

Or by appointment (all office hours are in-person)

Text(s):

This ICR (Syllabus) is not official until our 1st Day of Class - 8/26/2025

This course uses digital course materials (including your textbook) provided through the TCC Plus program (www.tccd.edu/tccplus) and is accessible in Canvas using your personal electronic devices or online. The cost was included in your registration. While you have the choice to opt out of receiving these course materials, you may still need access to digital courseware and materials to complete assignments, tests, etc. Please follow up with your instructor before you opt out. Once you opt out, you will need to secure all required course materials needed for the course. After the census date of the course, you will be responsible for paying for TCC Plus charges associated with this course whether you complete the course or not.

The following textbook is **REQUIRED** for this course: Calculus, 12th Ed. Larson and Edwards (Cengage)

Textbook ISBN:

All homework assignments are accessed online via WebAssign.

Special Materials:

A calculator may be needed for exams. A graphing calculator is strongly recommended. I have opted to not provide any restrictions on calculators as long as they are not on a smart device or double as a smart device. More specifically, a TI-89 or TI-89 Titanium are allowed and may be helpful when graphing 3D surfaces among other things.

Focus:**COURSE DESCRIPTION:**

Advanced topics in calculus, including vectors and vector valued functions, partial differentiation, Lagrange multipliers, multiple integrals, and Jacobians; application of the line integral, including Green's Theorem, the Divergence Theorem, and Stokes' Theorem.

Prerequisite: MATH-2414 with a minimum grade of C

Requirements:**Simple Suggestions for Success:**

- Be in class and be on time.
- Engage in class discussions. Please, don't be shy! If you don't know, just ask! Probably someone else will have the same question.
- Keep your notes complete and up-to-date. My class examples will provide a guide for your homework and your exams.
- Math is a skill that you **MUST** practice regularly. Stay on top of the homeworks.
- Check your Canvas and email frequently daily for important announcements, supplemental materials, etc.

Attendance:

Should situations arise that you must leave early, or come late, or be absent, please let me know ASAP. You do not necessarily need to be detailed in your reasoning behind missing class, but a simple heads up that you will not be present is appreciated.

Absences will be counted as either Excused or Unexcused.

To become an Excused Absence, the student must provide a valid explanation, along with documentation in many cases (e.g., doctor's note, court order, employer's note, military orders, police report, obituary notice, etc.). Only when the instructor agrees to excuse your absence will your absence be excused.

In accordance with the TCC District Attendance Policy...

After missing 7 class meetings (over 15% of the class meetings) with an Unexcused Absence AND not maintaining an accepted level of attempted work, a student may be withdrawn at the discretion of the instructor.

Further remarks about the attendance policy:

Students absent on official school business are entitled to make up coursework missed. In all other cases, the instructor will judge whether the student will be permitted to make up work and will decide on the time and nature of the makeup. However, the student is expressly responsible for any work missed, regardless of the cause of the absence. The student must discuss such work with the instructor, and it is the student's responsibility to initiate such communication, either prior to the absence or immediately upon returning to school. Also, students who stop attending class for any reason should contact the instructor and the Registrar's office to officially withdraw from the class. Failure to officially withdraw may result in a failing grade for the course.

Cell phone and Laptop policy:

Technology is permitted during class as long as it does not become a distraction. If you have to take/make an emergency call, please leave class first. Please do not text or use social media during lecture. If cell phones become a distraction they will be prohibited for the remainder of the semester.

Food and Drinks policy:

Since we are holding lecture in a computer classroom there is no food allowed. Drinks are only allowed if they have a closed, secure lid to prevent spilling.

Homework:

All homework is assigned through WebAssign and will generally be due by midnight on Thursdays. Extensions may be granted, but there is no guarantee of this.

Exams:

There will be 4 tests total during the semester. Test 1 will cover material over chapter 11 only; test 2 will cover material over chapter 12 only; test 3 will cover material over chapter 13 only; and test 4 will cover material from both chapters 14 and 15. We will review if time permits the class period before the exam (don't count on this; we have a lot of material to cover and most likely won't have much review time available). At the very least, I will provide a general layout of how the exams will look at least one class meeting prior to the exam date. No restrictions on calculator use as long as the calculator does not double as a smart device. To receive credit for your answers you must show all work and/or give an appropriate explanation when necessary. Generally, exams will be free response so you will need to work problems from beginning to end. ***You are allowed one 3"x5" index card (front and back) of notes on each exam. You are allowed two 3"x5" index cards (front and back) of notes on the final exam (test 4). No other form of notes are allowed unless explicitly stated by the instructor prior to the start of the exam.***

Grading Criteria:**Grading is based on the following:**

Homework: 20%

4 Exams: 80% (each exam is weighted at 20% individually)

- **Test 1: Chapter 11 only**
- **Test 2: Chapter 12 only**
- **Test 3: Chapter 13 only**
- **Test 4 (Final Exam): Chapter 14 and 15 combined**

GRADING SCALE:

90 - 100% = A

80 - 89% = B

70 - 79% = C

60 - 69% = D

0 - 59% = F

The *ceiling function* will be used to determine final grades.

MAKE-UP POLICY:

Tests — No tests will be dropped in this course. Make-up exams will be allowed under rare circumstances. In order to make up an exam you must satisfy all of the following: provide a valid reason for missing the exam and have your absence excused by the instructor; provide proof of the reason given for missing the exam; and make the exam up as soon as possible within one week of the original exam date. **The final exam is mandatory. A score below 40% on the final exam will result in an automatic failing grade.**

EXTRA CREDIT:

You may earn up to an extra 5% on each assignment if you complete the assignment early. There may be bonus questions on exams, but these points will be limited. You should not rely heavily on extra credit opportunities as these will be very limited.

Class Dates:

Tentative Scheduled Exam Dates (subject to change at instructor's discretion):

Exam 1 Week 5: Week of Sept 22

Exam 2 Week 9: Week of Oct 20

Exam 3 Week 13: Week of Nov 17

Final Tuesday, Dec 16, 2025 from 5:00 pm to 7:30 pm

NO CLASS on these days:

Sept 1, 2025 — Labor Day

Nov 23 - Nov 29, 2025 — Thanksgiving Break

Dec 18, 2025 — Winter Break begins

Important days:

First day of class — 8/25/2025

Census Date — 9/10/2025 (If you drop this class before this date, it won't show up on your transcript.)

Last day to drop: 12/04/2025

Final Exam: Tuesday, Dec 16, 2025 from 5:00 pm to 7:30 pm

Religious Holidays

While I respect all religious holidays, you must inform me of the religious holiday(s) for which you will want an approved absence by the end of our first week of class. Requests of dates of religious holidays not submitted by the end of the first week of class will not be approved. The list of dates for which you are seeking approval will be reviewed and I will inform you of whether the absence will be considered excused or not.

Daily Assignments:

Tentative Schedule:

Weeks One through four: Chapter 11 -- Sections 11.1 through 11.7; Exam 1 (Ch 11 only)

Weeks five through eight: Chapter 12 -- Sections 12.1 through 12.5; Exam 2 (Ch 12 only)

Weeks nine through twelve: Chapter 13 -- Sections 13.1 through 13.8; Section 13.10 (we will skip 13.9); Exam 3 (Ch 13 only)

Weeks thirteen through sixteen: Chapter 14 -- Sections 14.1 through 14.8; Chapter 15 -- Sections 15.1 through 15.8; Final Exam (Ch 14 and 15)

Additional Class Information:**Important Phone Numbers:**

Math Department Chairs: Daniela Kojouharov (SE05 2809B) 817-515-3412
 Brunilda Santiago (SE05 2809B) 817-515-3324
 Dean, Math & Science Division: Dr. Tommy Awtry (SE05 2809B) 817-515-3316

Math Center (tutoring) (SE04 2403A):

Hours of operation:
 Mon–Thu 7:30 am - 9:00pm
 Friday 7:30 am - 5:00 pm
 Saturday 10:00 am - 4:00 pm
 Phone: 817-515-3806

Tutoring: <https://canvas.tccd.edu/courses/35270/pages/math-support>

Useful math handouts available here: <https://sites.google.com/view/semrc>

Testing Center (Maekup exams only) (SE06 2231):

Hours of operation:
 Mon–Thu 7:30 am - 9:00pm
 Friday 7:30 am - 5:00 pm
 Saturday 10:00 am - 4:00 pm
 Phone: 817-515-3339

Academic Dishonesty Policy:

Each of the following is considered academic dishonesty:

- Practice tests/formulas/notes/text (that have not been approved by the instructor) within student's view during a test.
- Display and/or use of a cell phone/smart devices. Also, cell phones/smart devices must be silenced before testing.
- Removal of testing materials from the classroom.

Evidence of academic dishonesty will result in confiscation of test materials and an automatic zero.

Furthermore, this test grade will be excluded from the “lowest test grade replacement policy” mentioned in the “Class Requirements” sections of this ICR.

Support for Students with Disabilities

Any student with a documented disability needing academic accommodations is required to contact the Disability Support Services (DSS) office (ESED 2302) to schedule an appointment with the Coordinator of DSS. Since DSS accommodations may require early planning and are not provided retroactively, please contact DSS as early in the semester as possible. DSS is responsible for approving and coordinating all disability-related services. All discussions will remain confidential.

[TCCD Academic Calendar](#) for important College Dates.

[TCCD Student Handbook](#) for information on attendance and withdrawal policy, dishonesty and plagiarism, and student accessibility resources.

[Attendance](#) for attendance requirements.

[District Course Requirements](#)[Books](#)**Course Evaluation**

Student participation in the evaluation process is critical to the college's commitment to quality teaching and academic excellence. Students are strongly encouraged to participate in the process with constructive feedback that is relevant to teaching and course content. The average time to complete the course evaluation is approximately 5-8 minutes. Results remain anonymous and will not be available to faculty until after grades are posted. Please take time to share your comments, suggestions, and concerns.

This course may be evaluated between 09/11/25 and 12/17/25. [Course Evaluation](#).

\$ Paying for College

Looking for information about paying for college? TCC awards over \$85.2M in financial aid each year. You can apply for financial aid by completing the [Free Application for Federal Student Aid \(FAFSA\)](#). Visit [Student Financial Aid Services for more information](#).

Student Accessibility Resources

Any student with a documented disability needing academic accommodations is required to contact the Student Accessibility Resources (SAR) Office located on each campus to schedule an appointment with the Coordinator of SAR. All discussions are confidential. Because SAR accommodations may require early planning and are not provided retroactively, students are encouraged to contact SAR as early in the semester as possible. SAR is responsible for approving and coordinating all disability-related services. TCC professors will honor requests for accommodation when they are issued by SAR.

Campus Carry

Effective August 1, 2017, the Campus Carry law ([Senate Bill 11](#)) allows those licensed individuals to carry a concealed handgun in buildings on public community college campuses, except in locations the College establishes as prohibited. Prohibited areas include but are not limited to Theater and Performance Halls, Health Services, Testing Services, Counseling Services, Physical Education, Early College High School Programs, Child Care Facilities, and the TCC Police Department. Under the new law, openly carrying handguns is not allowed on college campuses. For more specific TCC regulations, <http://www.tccd.edu/services/police-department/open-carry/campus-carry-regulations/>. For emergency information, please go to the following link: <https://www.tccd.edu/about/emergency-information/>.

Title IX Reports of Discrimination Based on Sex, including Sexual Harassment, Sexual Assault, Stalking, Dating Violence, or Gender-Based Harassment

All faculty at Tarrant County College are designated as a "Responsible Employee" and are required to report Sexual Misconduct. State law requires all faculty and staff to report sexual harassment, sexual assault, dating and domestic violence, and stalking against a student or employee to the Title IX Coordinator. TCC cares about the safety of our employees and students and has created this notice because interpersonal violence and sex discrimination in all forms are unacceptable. TCC is committed to holding perpetrators accountable and keeping reporting parties safe. Student's privacy is of utmost importance and TCC will strive to protect your privacy to the extent possible while complying with all applicable federal, state, and local laws and regulations as well as TCC policy.

Students who desire that details of the incident be kept confidential have two options. (1): request to speak with a licensed counselor at a TCC campus (service available free to students), or (2): contact an off-campus rape crisis center.

Pregnant and Parenting Students

Title IX prohibits discrimination against a student based on pregnancy, childbirth, false pregnancy, termination of pregnancy, or recovery from any of these conditions; and for parenting a child under one year of age. To learn more about how to request support for pregnant and parenting students, go to the Title IX website by clicking on [Supporting Pregnant and Parenting Students](#). On this site you will find guidelines and forms to assist you with working with your faculty members.

CARE Team and Basic Needs

TCC cares about the safety, health, and well-being of its students and community. As a result, each TCC campus has a CARE Team, a dedicated group of faculty and staff who provide consultation and support for students in distress or in need of resources. Please refer individuals for whom you have a concern, including yourself, to the CARE Team. If someone appears distressed, poses a threat to safety, or causes a significant disruption to the TCC community, please submit a CARE Team report at <http://www.tccd.edu/incidentreport/>. Please see the CARE Team's [website](#) for more information. NOTE: In cases where a person's behavior poses an imminent threat to you or another, contact TCC Campus Police at 817-515-8911 or 911.

Additionally, any student who faces challenges securing basic needs (e.g., food, housing, transportation, finances) and believes this may affect their performance in the course or their ability to stay enrolled is urged to contact the CARE Team for support by submitting an [Student Emergency Assistance Fund Application](#). Furthermore, please notify me if you are comfortable in doing so. This will enable me to provide any resources that I may possess.