Math 273: Calculus III, Fall 2020

Instructor: Lydia Oliver, **Email:** lydia.oliver@wsu.edu – Please include "Math 273" in subject line of your email. **Office Hours**: TTh 10:00 – 11:30 a.m.

Course Web Pages:

- Canvas: canvas.wsu.edu
- Crowdmark: www.crowdmark.com
- MyMathLab: www.mymathlab.com

All times listed are in Pacific Time. If you are in a different time zone please adjust accordingly.

Prerequisites: Math 172 with C or better, or 3+ on the Calculus BC exam

Required Materials: MyMathLab Access for *CALCULUS: Early Transcendentals,3rd edition, by Briggs, Cochran, and Gillett, Pearson Education Inc., 2019, ISBN:* 9780134856926. (If you took 172 through WSU, you do not need to buy anything). You do not need a hard copy of the book. The MML access will give you access to the e-text.

Use the MyMathLab link on Canvas to access the MML page for this course. You will login using your previous login if you took 172, or create a login if you've never used MML before. You do <u>not</u> need an access code.

Calculators: No calculator is required for this class.

Grading: As shown here. No adjustments for "improvement", a "bad day", etc… **Expect no curve**.

MML Homework – 6 pts each (22 out of 25)	132 pts
Written Homework – 20 pts each (5 out of 7)	100 pts
2 Midterm Exams – 100 pts each	200 pts
Final exam	150 pts
Total Possible:	**582 pts**

92% – 100%	A
90% – 91.9%	A-
86% – 89.9%	B+
82% – 85.9%	B
80% – 81.9%	B-
76% – 79.9%	C+
73% – 75.9%	C
70% – 72.9%	C-
67% – 69.9%	D+
60% – 66.9%	D
0% – 59.9%	F

Exams:

Exam 1: Wed. Feb. 24 at 4:30 – 6:00 p.m.
Exam 2: Wed. April 7 at 4:30 – 6:00 p.m.
Final Exam: Monday, May 3 at 1:00 – 4:00 p.m.

Make-up exams: If you cannot make the regularly scheduled exam notify your instructor no later than one week before the exam to sign up for the make-up exam, which is usually the next morning.

Access Center Accommodations for exams: notify your instructor as soon as possible to make arrangements.

Lectures: All lectures will be live on Zoom during class time. I will record the lectures. The recordings will be available under "Cloud Recordings" on the Zoom link on Canvas. You are expected to attend the live lecture, but the recording will be there just in case you have an emergency during class time or your internet drops out and you miss a portion of the lecture. I will only record one of the three Math 273 lectures, it may not always be your time slot but the same material will be covered.

Notes: The outline of notes will be provided on Canvas. You are responsible for attending class and filling them in. The filled in notes will <u>not </u>be posted. Please, use your notes as a reference to the notation and work needed to receive full credit on the exams.

Exams: The exams will have two components:

- The first part will be through MML and serve as the more multiple-choice type questions. This part will be released on exam days in the morning and will close at midnight. You will have a set amount of time to complete this portion, the amount will be determined later. Once you start you must finish this portion of the exam.
- The second part will be sent out at 4:30 p.m. via Crowdmark and will be due by 6:00 p.m. No late exams will be accepted! Be sure to start the uploading process at least 30 minutes before 6:00 p.m. so you have time to troubleshoot any technical difficulties. For every minute your submission is late you will lose 1% of your total percentage. The exams will be written to take the average student an hour, the extra time is for you to download and upload the exam and deal with any computer/internet/uploading issues. Take responsibility for ensuring the exam is submitted by the deadline. I recommend setting an alarm to remind you to stop working on the exam and to begin submitting at 5:30 p.m. No typed work will be accepted on the exam. All work must be handwritten. Writing on a tablet is accepted as handwritten.
  - o During the Crowdmark portion of the exam we will be live proctoring via Zoom. During the exam you must have your video on so that your instructor can see that you are there and cross-check with your photo in the WSU system. If you do not have a camera available, please contact your instructor *at least 1 week before the exam.* Anyone who does not attend the Zoom meeting during the exam will not receive credit for the exam.

You may only use your notes and textbook during the exam! All other resources are not allowed, this includes a calculator and the internet.

You are not allowed to have any person or computer do the work for you. **ALL** work must be shown on the exam and all values must be left in exact form (i.e. a decimal you got from your calculator will not be accepted). If I cannot follow your work through all steps you will lose points. Do not assume you can do any of it "in your head". You only have 90 minutes to take the exam so be sure to study, do not assume you have time to look up how to do the problem, solve the problem, and submit your exam in that time.

Homework:

- MML Homework: Every Sunday there will be homework due on MyMathLab. Each assignment covers roughly one section. Multiple assignments are due each Sunday covering the sections we've gone through that week. It is recommended you work through these during the week as we cover each section. Do not wait until Sunday to start all of them. **There will be no extensions.** You may still work on the assignments after the due date until the next exam for half credit.

- Written Homework: Starting the 2nd week of classes, written homework will be due every other week, see the schedule for exact days. The problems will be posted on Canvas and you will need to write up your solutions and submit them on Crowdmark by 11:59 p.m. the day it is due. Do not copy. A paper which appears to be copied from another student, or other outside source may be given reduced credit (possibly zero). **Show supporting work or explanation on every problem.** Your best 5 of 7 homework assignments will be counted. For every minute your submission is late you will lose 1% of your total percentage.

Topics Covered: We will cover selected sections from chapters 13 through 17. Topics include: equations of lines and planes in $\mathbb{R}^3$; functions of multiple variables; vector-valued functions; vector fields; partial derivatives; gradient vector; tangent planes; iterated integrals; line integrals; surface integrals; Green's Theorem; Stokes' Theorem; Divergence Theorem.

Math Learning Center: Successful students make use of available resources, so don't struggle when help is just a few steps away. We want you to succeed, we're here for you, and our tutoring services are completely FREE.

The MLC will continue to offer virtual tutoring via Zoom this semester. You can find current information on how to connect with a tutor on our website: http://www.math.wsu.edu/studyhalls/welcome.php

In addition to virtual tutoring, the MLC will also host a forum where students can post questions to be addressed by our MLC tutors as well as provide an opportunity to connect with other students taking the same course. Visit https://mathlab.math.wsu.edu/phpBB3 and create an account to start connecting with our tutors. (Note: This is a monitored forum. Please read the guidelines posted on the forum before posting.)

Reasonable Accommodation Statement: Students with Disabilities: Reasonable accommodations are available for students with documented disabilities or chronic medical conditions. If you have a disability and need accommodations to fully participate in this class, please visit your campus Access Center website (websites listed below) to follow published procedures to request accommodations. Students may also call or email the Access Center to schedule an appointment with an Access Advisor. All disability related accommodations are to be approved through the Access Center. **It is a university expectation that students with approved accommodations visit with instructors (via email or Zoom) within two weeks of requesting their accommodations to discuss logistics.** For more information contact a Disability Specialist on your home campus:

- Pullman or WSU Online: 509-335-3417 http://accesscenter.wsu.edu, Access.Center@wsu.edu

Academic Integrity Policy: Academic integrity is the cornerstone of higher education. As such, all members of the university community share responsibility for maintaining and promoting the principles of integrity in all activities, including academic integrity and honest scholarship. Academic integrity will be strongly enforced in this course. Students who violate WSU's Academic Integrity Policy (identified in Washington Administrative Code (WAC) 504-26-010(4) will receive a zero on the assignment or exam or the student will fail the course and will not have the option to withdraw from the course pending an appeal, and will be reported to the Center for Community Standards.

- Cheating includes, but is not limited to, plagiarism and unauthorized collaboration as defined in the Standards of Conduct for Students, WAC 504-26-010(3). You need to read and understand all of the definitions of cheating. If you have any questions about what is and is not allowed in this course, you should ask course instructors before proceeding.
- **If you are suspected of cheating you may be required to meet with your instructor over Zoom, with video on and a valid ID, to do a similar problem to the one in question.**
- **No form of cheating will be tolerated in this class. If caught cheating, you will be reported to the Academic Board of Conduct and will receive a zero on the entire exam, and possibly fail the course.**
- **See the "What is Cheating in a Math Class" document for more details about what is allowed or what is not allowed in this class.**
- If you wish to appeal a faculty member's decision relating to academic integrity, please use the form available at communitystandards.wsu.edu. Make sure you submit your appeal within 21 calendar days of the faculty member's decision.

COVID-19 Policy Statement (Academic Regulation 72): Students are responsible for ensuring that they attend all class meetings and complete all in-class and out-of-class work as assigned by the instructor. Students are also responsible for communicating with the instructor as soon as possible should they need to be absent.

Policy Prohibiting Discrimination and Harassment (Executive Policy 15): This policy expresses WSU's commitment to maintaining an environment free from discrimination, including sexual harassment. This policy applies to all students, faculty, staff, or others having an association with the University. Discrimination, including discriminatory harassment, sexual harassment, and sexual misconduct (including stalking, intimate partner violence, and sexual violence) is prohibited at WSU (See WSU Policy Prohibiting Discrimination and

Harassment (Executive Policy 15) and WSU Standards of Conduct for Students). If you feel you have experienced or have witnessed discriminatory conduct, you can contact the WSU Office of Civil Rights Compliance & Investigation (CRCI) and/or the WSU Title IX Coordinator at 509-335-8288 to discuss resources, including confidential resources, and reporting options. (Visit crci.wsu.edu for more information). Most WSU employees, including faculty, who have information regarding sexual harassment or sexual misconduct are required to report the information to CRCI or a designated Title IX Coordinator or Liaison. Visit https://crci.wsu.edu/reporting- requirements/ for more information.

Accommodation for Religious Observances or Activites: Washington State University reasonably accommodates absences allowing for students to take holidays for reasons of faith or conscience or organized activities conducted under the auspices of a religious denomination, church, or religious organization. Reasonable accommodation requires the student to coordinate with the instructor on scheduling examinations or other activities necessary for course completion. **Students requesting accommodation must provide written notification within the first two weeks of the beginning of the course and include specific dates for absences.** Approved accommodations for absences will not adversely impact student grades. Absence from classes or examinations for religious reasons does not relieve students from responsibility for any part of the course work required during the period of absence. Students who feel they have been treated unfairly in terms of this accommodation may refer to Academic Regulation 104 - Academic Complaint Procedures. See also Rule 82.

Safety and Emergency Information: Please sign up for emergency alerts on your account at MyWSU. For more information on this subject, campus safety, and related topics, please view the FBI's Run, Hide, Fight video and visit the classroom safety page https://provost.wsu.edu/classroom-safety/.

All course documents are copyrighted. It is prohibited for any student to copy, distribute or put online any course materials, including but not limited to lecture notes, assignments, exams, solution keys, etc.

THIS SYLLABUS IS SUBJECT TO CHANGE. So come to class and check the course web page often.