Math 2374
CSE Multivariable Calculus and Vector Analysis – Spring 2019

Lecturer
Professor Natalie Sheils, Lind Hall 424, nesheils“at”umn.edu
Office hours: WF 11am-12:00pm and by appointment.

Teaching Assistants

<table>
<thead>
<tr>
<th>Section</th>
<th>TA</th>
<th>Email (@umn.edu)</th>
<th>Office</th>
<th>Office Hours</th>
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<tbody>
<tr>
<td>11</td>
<td>Tao</td>
<td>taoxx173</td>
<td>VIN 424</td>
<td>W 4:30-6:30pm</td>
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<tr>
<td>12</td>
<td>Banaian</td>
<td>banai003</td>
<td>VIN 550</td>
<td>T 10-12 noon</td>
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<tr>
<td>13</td>
<td>Min</td>
<td>minxx127</td>
<td>VIN 426</td>
<td>T 9:10-10:10am, 11-12 noon</td>
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<tr>
<td>14</td>
<td>Lai</td>
<td>laixx313</td>
<td>VIN 454</td>
<td>T 12:20-1pm, Th 1:15-2:15pm</td>
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<tr>
<td>15</td>
<td>An</td>
<td>an000008</td>
<td>VIN 370</td>
<td>T 1:15-3:15pm</td>
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<tr>
<td>21</td>
<td>Zhu</td>
<td>zhu0629</td>
<td>VIN 522</td>
<td>T 2:15-4:15pm</td>
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<tr>
<td>22</td>
<td>Corsi</td>
<td>corsi007</td>
<td>VIN 559</td>
<td>T 12:20-2:20pm</td>
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<tr>
<td>23</td>
<td>Yuan</td>
<td>yuanx190</td>
<td>VIN 360</td>
<td>T, Th 2:30-3:30pm</td>
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<tr>
<td>24</td>
<td>Sikkink Johnson</td>
<td>siki035</td>
<td>VIN 426</td>
<td>T, Th 3:30-4:30pm</td>
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<tr>
<td>25</td>
<td>Zhang</td>
<td>zhan6372</td>
<td>VIN 426</td>
<td>F 3:30-5:30pm</td>
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Note that any student in the course can visit the office hours of any teaching assistant.

Textbook
Vector Calculus, 6th ed. by Marsden and Tromba.
It is assumed you are familiar with the material in Sections 1.1 and 1.2.
Sections 2.2, 3.4 3.5, 6.3, 6.4, 7.7, 8.5, and 8.6 will not be covered

Resources
Registered students will also have access to the class site on Canvas.

Calculator Policy
Calculators are NOT permitted. All other devices (including laptops and cell phones) must be
turned off and stored out of reach during exams.
Grading Policy

Overall Grades

Your final grade will be made up of:

- Quizzes –15%
- Labs –10%
- Midterm Exams–45% (15% each)
- Final Exam–30%

where

- Quizzes: average of the best five quizzes.
- Labs: average of the best ten labs.
- All grades on midterms and final will count.

The final grade distribution for each discussion in all lectures of Math 2374 will be determined by its students’ performance on the common midterms and final exam. An individual student’s final grade within that distribution depends on all of the work of the course.

Students are expected to be familiar with the University of Minnesota Student Code of Conduct including the consequences for violation of standards of academic honesty. Please see the University policy on academic misconduct for further information.

Incompletes and Drops

The final grade of incomplete will be given only in extreme circumstances with a very compelling and well-documented reason. It may be considered if the student has completed at least two midterms and to date have been completing work at a level of C or better. Students must make prior arrangements with me before the end of the semester.

The schedule for drop deadlines can be found on the University’s website.

Statute of Limitations

Requests for regrading of written work (midterm exams, quizzes, and labs) will be honored only for a period of one week after the item in question has been returned to the class.

Quizzes

Quizzes will be given by your TAs in the discussion section every Tuesday with the exception of the first two weeks and weeks of an exam.
Labs
There will be weekly lab assignments posted on Canvas. Labs are due at 11pm on the following Tuesday. Discussing lab problems with your classmates is encouraged however you are expected to write up your solutions on your own. Turning in a lab nearly identical to a classmate’s is considered cheating and will be given a 0 grade.

Free Mathematica software is available for CSE students is available through CSE IT.

Midterm Exams
There will be three midterm exams each 50 minutes long and given on Monday evenings at 5pm and 6pm. These exams will be closed book and closed notes with no calculators. Students who elect to take the exam at 5pm must stay in the room until time is called to end the exam. Students who take the exam at 6pm may leave the room when they finish the exam.

In absence of specific instruction to the contrary, you are expected to show all work needed to justify your answers by hand calculation. Answers appearing without supporting calculations and explanation will receive no credit.

The dates for each exam can be found on the course schedule webpage.

Make Up Exams
If you have another class, work, or a similar recurring conflict every Monday evening during the semester you must inform your TA in person before the third week of the semester. You must supply written documentation. If this is the case you will take each exam the Monday morning of regular midterm exam dates.

Exam absences due to recognized University-related activities, religious holidays, or verifiable illness will be dealt with on an individual basis. You must notify your TA as far in advance as possible. If an exam is not taken the student will be assigned a grade of 0. If a student takes a Monday make-up exam without previously clearing it with their TA they will receive a grade of 0.

There will be no makeups for the quizzes and labs.

Final Exam
The final exam is three hours long and will also be closed book and closed note. Calculators are NOT allowed. The exam will be held on Thursday, May 9 from 12:00pm-3:00pm.

Course Environment

Names/ Pronouns
You deserve to be addressed in the manner you prefer. To guarantee that I address you properly, you are welcome to tell me your pronoun(s) and/or preferred name at any time either in person or via email.
Disability Resource Center

The University of Minnesota is committed to providing equitable access to learning opportunities for all students. The Disability Resource Center (DRC) is the campus office that collaborates with students who have disabilities to provide and/or arrange reasonable accommodations.

- If you have, or think you may have, a disability (e.g., mental health, attentional, learning, chronic health, sensory, or physical), please contact the DRC at 612-626-1333 to arrange a confidential discussion regarding equitable access and reasonable accommodations.

- If you are registered with the DRC and have a current letter requesting reasonable accommodations, please contact me as early as possible to review how the accommodations will be applied in the course.

Additional information is available.

Equity, Diversity, Equal Opportunity, and Affirmative Action

The University provides equal access to and opportunity in its programs and facilities, without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. For more information, please consult Board of Regents Policy.

Title IX

You deserve a community free from discrimination, sexual harassment, a hostile environment, sexual assault, domestic violence, dating violence and stalking. If you experience or know of a Title IX violation you have many options for support and/or reporting. See the Board of Regents Policy for more information.

Other Policies

See this link for a general policy statement about equal opportunity, disability accommodations, and mental health resources.