

**Vanderbilt University**  
**MATH 2300 — Multivariable Calculus, Secion 04**  
**Instructor: Marcelo Disconzi (marcelo.disconzi@vanderbilt.edu)**

1. GENERAL INFORMATION

Instructor: Marcelo Disconzi.

Email: marcelo.disconzi@vanderbilt.edu.

Instructor's office: Stevenson Center 1515.

Instructor's office phone: 615-322-7147.

Lecture time and location: Tuesdays and Thursdays, 12:45–2:00pm at Stevenson Center 1308.

Course webpage:

<http://www.disconzi.net/Teaching/MAT2300-Fall-20/MAT2300-Fall-20.php>

Office hours: Tuesdays, 4–6:00pm, Thursdays, 5–6:00pm, or by appointment. Office hours will be held virtually (see below for more information). If you want to meet in person, please schedule an appointment.

2. COURSE INFORMATION

2.1. **Textbook.** *Stewart's Calculus, 8th edition*, with WebAssign subscription.

2.2. **Prerequisites.** MATH 1301 or 2200.

2.3. **Description.** The course will cover the basic concepts and tools of multivariable calculus: vectors, curves, surfaces in space, functions of several variables, partial derivatives, multiple integrals, and vector integral calculus, including line and surface integrals.

3. GRADING POLICY AND EXAM DATES

The course grade will be based on two midterms, a final exam, homework, and quizzes, counting respectively toward 20% (each midterm), 30%, 20%, and 10% of the final grade. You will be allowed to take a make-up test only in very special circumstances. If you miss an exam, contact the instructor as soon as possible.

Extra credit work may be assigned. Extra credit assignments will not carry a specific number of points towards your total grade unless otherwise specified. The primary goal of such extra assignments is to help the course instructor decide on borderline cases. For example, suppose your final grade corresponds to a B+, but it is sufficiently close to the cutoff for an A-. In such a case, having done all or most of the extra credit problems may lead the instructor to decide that you deserve a little boost in your grade, giving you an A-.

All assignments will be done online (see below for more information).

Description	Date and Location	% of the final grade
Midterm 1	Sept 22, regular class time, online	20
Midterm 2	Oct 27, regular class time, online	20
Final	Dec 10, 7pm, online	30
HW	TBA on a regular basis, posted on WebAssign and the webpage	20
Quizzes	TBA on a regular basis, posted on WebAssign and the webpage	10
<b>TOTAL</b>		<b>100</b>

**Important:** there will be no alternate date for the final exam.

Grades will be assigned according to the following distribution:

Final grade range (rounded)	Letter grade
95–100	A
90–94	A–
87–89	B+
84–86	B
80–83	B–
77–79	C+
74–76	C
70–73	C–
67–69	D+
64–66	D
60–63	D–
<60	F

Other important dates:

Aug 31	Last day to unconditionally add a math class (after this date students in undergraduate math courses can switch math course levels, but not add a class)
Sept 4	Last day to drop a class with no entry on the record
Sept 4	Last day to switch math course levels
Oct 21	Last day to withdraw from a course (with a grade of W)
Nov 21-29	Thanksgiving Break (no classes)
Nov 30	Classes switch to online only
Dec 4	Last day of classes (lectures)

**3.1. Assignments and schedule.** A tentative day-by-day schedule that extends through the entire semester is posted on the course webpage. Small variations on this schedule are expected as the course progresses. Homework problems and quizzes, along with their due dates, will be posted on the course webpage. Unless specified otherwise, homework, quizzes, and tests will be done through WebAssign. In order to access WebAssign, log into Brightspace, select MATH2300-04 Multivariable Calculus (2020F), navigate to Content, and click on WebAssign - MATH 2300, External Learning Tool.

For the homework, students are allowed to work in groups provided they legitimately collaborate and do not simply copy each other's work. Quizzes and tests must be done individually unless stated otherwise.

Students can choose to receive an automatic email notification from WebAssign every time a new assignment becomes available. For this, log into your WebAssign account: 1. Select the Bell icon on the header; 2. On the Settings tab, select the notifications you want to receive; 3. Choose "Save." A warning is displayed if you do not have a verified email address in WebAssign; 4. Click the "Notification Contact Info" tab and verify that your email address is correct. Observe that such notifications will not be sent in the case of assignments that are not given via WebAssign. These will be posted directly on the course webpage, which students are responsible for checking regularly for updates, although non-WebAssign assignments will be rare.

Students will be given access to quizzes only after completing the latest homework on WebAssign and scoring at least 70/100.

#### 4. COURSE POLICIES

**4.1. Online classes and participation.** This course will be taught through a hybrid online/in-person model. Students will be rotated between in-person and online attendance. An email will be sent to all students detailing the dates they are allowed to attend in-person classes.

Every class will be streamed via Zoom following a link available on Brightspace under the Zoom tab. Students will need access to a microphone and a camera. Online students will join the class virtually via Zoom and will be able to participate as their audio will be broadcasted to the entire class through the sound system. When not speaking, students attending the class virtually must mute their microphones. Students are allowed to join the class virtually on the days they are scheduled for in-person participation.

Office hours will also be held virtually through a link available on Zoom. In-person office hours are allowed by appointment only.

Classes will be recorded and posted on Brightspace. Students are not allowed to download or share the class recordings. The use of such recordings is for personal use only unless permission is expressly granted in writing by the instructor and by other classroom participants. Personal use is defined as use by an individual student for the purpose of studying or completing course assignments.

Because Zoom shows the video of all participants, students who do not wish to appear on the recording are allowed to turn off their video. Everyone is encouraged, however, to consider keeping their video turned on in order to motivate class interaction.

Tests will be given online and proctored via Zoom. Students must keep their cameras on during the tests (exams will not be recorded, thus the above exception to turned-on cameras does not apply).

Assignments that are not done via WebAssign will be collected via email (non-WebAssign assignments will be rare). In these cases, assignments must be sent to the instructor by email as an attachment consisting of a single .pdf file named Lastname-Firstname-assignment.pdf; e.g., Disconzi-Marcelo-extracreditone.pdf. Deviations from this rule will result in a 0/100 grade for the assignment.

If the instructor needs to quarantine himself, classes will switch to online only.

**4.2. Electronic devices.** Students can use electronic devices only within the explicit scope of a hybrid online/in-person class. Any use of electronics to facilitate completion of assignments, including the use of calculators or symbolic mathematical software, is explicitly prohibited.

**4.3. Honor Code.** All work submitted for credit must be the student's own and is subject to the provisions of the Vanderbilt Honor Code. Details can be found at: [https://www.vanderbilt.edu/student\\_handbook/the-honor-system/](https://www.vanderbilt.edu/student_handbook/the-honor-system/).

**4.4. Classroom recording policy.** The use of technologies for audio and video recording of lectures and other classroom activities is allowed only with the express permission of the instructor. In cases where recordings are allowed, such content is restricted to personal use only unless permission is expressly granted in writing by the instructor and other classroom participants, including students. Personal use is defined as use by an individual student for

the purpose of studying or completing course assignments. When students have permission for personal use of recordings, they must still obtain written permission from the instructor to share recordings with others.

**4.5. Accommodation Procedure.** A student who needs course accommodations due to a disability, special arrangements in case the building must be evacuated, or has emergency medical information that needs to be shared with the instructor should contact the instructor as soon as possible. Equal Opportunity, Affirmative Action, and Disability Services (<http://www.vanderbilt.edu/ead>) at Vanderbilt provides specific accommodations for students with physical or learning disabilities. Upon receiving appropriate documentation from the student, the EAD will make arrangements with the instructor for the accommodations.

**4.6. Attendance.** The student who misses a class meeting is responsible for any assignments and/or announcements made. Office hours will not be utilized to re-teach material presented in class. The stated attendance policy of the College of Arts and Science applies in this course: Students are expected to attend all scheduled meetings of classes in which they are enrolled; they have an obligation to contribute to the academic performance of all students by full participation in the work of each class. The faculty of the College of Arts and Science recognizes that occasions arise during the academic year that merit the excused absence of a student from a scheduled class or laboratory during which an examination, quiz, or other graded exercise is given. Examples include participation in sponsored university activities (e.g., debate team, varsity sports), observance of officially designated religious holidays, serious personal problems (e.g., serious illness, death of a member of the student's family), and matters relating to the student's academic training (e.g., graduate or professional school interviews). Conflicts arising from personal travel plans or social obligations do not qualify as excused absences.

**4.7. Course enrollment.** The Open Enrollment Period ends on Monday, August 31st. This is the deadline for students to add a course or to make other changes in YES. Between September 1st and September 7th, any withdrawals or adjustments in level or in grading status must be completed using the add/drop form. If only the "DROP" section of the form is filled out, the instructor may "sign" the form. If a student wishes to make any change that involves filling in the ADD section of a drop/add form (whether or not it also involves filling in the "DROP" section), then the student must contact the DUS (John Rafter) or the Assistant DUS (Jakayla Robbins). Per Math Department policy, the only change to a math course that will be approved after August 31st is a change to the level of the course (e.g., switching from Math 1301 to Math 1300 or vice versa).

**4.8. Anonymous feedback.** Students are encouraged to bring suggestions and discuss with the course instructor any concerns they may have, including something they think is not being properly handled in the course. If you do not feel comfortable doing that, you have the opportunity to send anonymous feedback on the course webpage.