

MAC 2313: CALCULUS 3, SUMMER 2019

SYLLABUS/CALENDAR

Contact Information:

INSTRUCTOR: _____

OFFICE: _____

PHONE: _____

OFFICE HOURS: _____

EMAIL: _____

Course homepage is on e-Learning Canvas, elearning.ufl.edu/.

MAC 2313 Calendar, Summer 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	May 13 Lecture 1	14 Lecture 2	15 HW 1	16 Lecture 3	17 Lecture 4
19 HW 2 & 3	20 Lecture 5	21 Lecture 5 & 6	22 HW 4 & 5	23 Lecture 7 Quiz 1 (L1-4)	24 Lecture 8
26 HW 6 & 7	27 HOLIDAY NO CLASS	28 Lecture 8 & 9	29 HW 8	30 Lecture 9	31 Lecture 10 Quiz 2 (L5-8)
June 2 HW 9	3 Review EXAM 1	4 Lecture 11	5 HW 10	6 Lecture 12	7 Lecture 13
9 HW 11 & 12	10 Lecture 14	11 Lecture 15	12 HW 13 & 14	13 Lecture 16 Quiz 3 (L10-14)	14 Lecture 16 & 17
16 HW 15 & 16	17 Lecture 17 & 18	18 Lecture 18	19 HW 17 & 18	20 Review Quiz 4 (L15-18)	21 Review EXAM 2
23	SUMMER BREAK				
30	July 1 Lecture 19	2 Lecture 20	3 HW 19	4 HOLIDAY NO CLASS	5 Lecture 21
7 HW 20	8 Lecture 26	9 Lecture 26 & 22	10 HW 21 & 26	11 Lecture 22 Quiz 5 (L19-21, 26)	12 Lecture 23
14 HW 22	15 Lecture 24 & 25	16 Lecture 25 & 27	17 HW 23 & 24	18 Lecture 27 Quiz 6 (L22-25)	19 Lecture 28
21 HW 25	22 Review EXAM 3	23 Lecture 28 & 29	24 HW 27	25 Lecture 29	26 Lecture 30
28 HW 28 & 29	29 Lecture 31 Quiz 7 (L27-L29)	30 Lecture 31 & 32	31 HW 30	Aug 1 Lecture 32	2 Lecture 33
4 HW 31 & 32	5 Lecture 34	6 Review Quiz 8 (L30-L33)	7 HW 33 & 34	8 Review FINAL EXAM	9

EXAM 1 (L1--9), Monday, 6/3, at 7PM

EXAM 2 (L10--18), Friday, 6/21, at 7PM

EXAM 3 (L19--26), Monday, 7/22, at 7PM

FINAL EXAM (L27--34), Thursday, 8/8, at 7M

TEST LOCATIONS WILL BE ANNOUNCED IN CLASS AND POSTED IN CANVAS.

1. INTRODUCTION

1a COURSE CONTENT: MAC 2313 is the third semester in the calculus sequence and it gives a thorough introduction to multi-variable calculus. Intended topics include vectors and the geometry of space, vector functions, partial derivative and applications, multiple integrals, and vector calculus.

1b PREREQUISITES: MAC 2312 with a minimum grade of C.

To be successful in this course, you should have mastery of precalculus algebra and trigonometry. Students should be able to do arithmetic without a calculator. It is assumed that students are proficient in standard Calculus 1 and 2 topics, including limits, continuity, differentiation, and integration techniques.

1c REQUIRED MATERIALS :

Textbook: *Calculus Early Transcendentals*, by James Stewart (8th Edition). There is a loose-leaf print version (\$50.00) of the customized textbook available at the UF Bookstore for students who wish to have a printed resource.

WebAssign access code: It includes an access to the Stewart ebook and the online homework assignments. WebAssign (WA) provides a two-week grace period to use the online homework system before you must purchase an access code.

To purchase a WA access code:

- You have the choice to “opt-in” to WA access and the e-book through CANVAS once classes begin for a reduced price of \$62.50 and pay for these materials through your student account.
- Students who already have purchased a multi-term access for Stewart text prior to this semester should not have a problem accessing our class on WA. If you have any issues regarding your multi-term access, contact WA Support, 1800-955-8275.

NO CALCULATORS are allowed on quizzes or on the exams. A graphing calculator and Wolframalpha are useful as a study and learning tool when used appropriately, but are not essential. Graphing in 3-dimensional space can be challenging sometime. We recommend an online graphing calculator GeoGebra (<https://www.geogebra.org/3d>) to help you as you learn 3D graphing. Remember that Calculus is a collection of ideas that are not mastered through calculator skills.

1d E-LEARNING CANVAS: All course information including lecture outlines, lecture videos, office hours, and test locations are posted on CANVAS.

All grades are posted in the CANVAS gradebook (except individual WA assignment points, which are accessed through WA directly). You are responsible for verifying that those grades are accurate. **You have one week after a score has been posted to contact your instructor to resolve any grade concerns.** We will not consider any grading disputes nor make any grades adjustment at the end of the semester. Be sure to save all original documents in case of grading questions.

1e LECTURES: Attendance in lecture is required. You are responsible for learning lecture material missed due to an excused absence. Students can print out the lecture outlines from CANVAS through **Course Resources** tab. You may also purchase a hard copy from Target Copy Center.

1f FREE HELP: Instructor's office hours will be posted in CANVAS. We encourage you to use this valuable resource to help you stay on track and succeed. In addition to instructor's office hours, the following aids are available on campus.

- The Teaching Center Math Lab, located at SE Broward Hall, is a tutorial service staffed by trained math and science students to provide help with your calculus questions and homework.
- Office of Academic Support offers free one-on-one and small group tutoring sessions to any UF students. See <http://oas.aa.ufl.edu/programs/tutoring/> for details.
- U Matter, We Care (<http://www.umatter.ufl.edu/>) provides students in distress with support and coordination of the wide variety of appropriate resources. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. Remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.
- UF Counseling Center provides information and helps students who are experiencing test-related stress and anxiety or having any other concerns. You may contact the center at <http://www.counseling.ufl.edu>.

1g SUCCESS in MAC 2313 depends largely on your attitude and effort.

- **Engage (participate and be proactive)** in class. Pay attention and answer questions in class. Avoid inappropriate distractions in class such as social networking, texting, or talking.
- **Complete assignments** on time. Get an early start on all assignments. If you get stuck, watch the lecture again and/or visit office hours for timely help. Do not let questions go unanswered.
- **Keep up with the pace** of the course and do not fall behind.

We want you to be successful! Remember that you are the only person who can walk the path to your success. Your instructor is there for you, but you need to stay on top of what's going on in class and take the initiative to reach out when you need help.

1h STUDENTS WITH LEARNING DISABILITIES: Students requesting class and exam accommodations must first register with the Disability Resource Center(DRC), <https://www.dso.ufl.edu/drc/> by providing appropriate documentation. Once you have your accommodation letter, present it in person to your instructor during office hours. Students with disabilities should follow this procedure as early as possible in the semester (adhering to DRC deadlines) since the accommodations are not retroactive.

1i ACADEMIC HONESTY: UF students are bound by**The Honor Pledge**

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.”

We are bound by university policy to report any instance of suspected cheating to the proper authorities. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with your instructor.

2. TESTING

2a EXAMS: During the semester there are three midterms and a final exam, all mandatory. All exams are assembly exams and the exam dates and time are specified in the course calendar. The midterm exams consist of multiple choice and free-response questions and the final exam consists solely of multiple choice questions.

Missing an exam due to negligence, however, will result in a minimum 10-point penalty.

2b IMPORTANT EXAM POLICIES: MAC 2313 requires that students take evening exams at 7PM on the listed dates. Students with conflicts, including regularly scheduled classes, must make advance arrangements to be present at the test.

(1) Students are responsible for material covered in lectures, NYTI, and assignments.
Exam coverage and format may vary from semester to semester.

(2) Bring only the following to the exam:

- Soft lead graphite pencils (number 2 lead or softer) for bubbling your scantron
- Ink Pen (To sign your test)
- Knowledge of your SECTION NUMBER and UF ID number
- Picture ID (UF Gator One card or your state driver’s license) with a **legible signature**

Cell phones and other electronic devices must be turned off and out of sight. If any such device rings, buzzes, or otherwise causes a distraction during the exam, your test will be considered to be compromised and your test score will be 0.

(3) Students should be at the exam location at least 10 minutes early. No one will be admitted to the test **10 minutes** after the starting time of the test. No one will be permitted to leave the test until 30 minutes after the stated start time.

- (4) The **Test Form Code**, as well as **your UFID**, name, and section number must be encoded correctly or you will lose 3 points. You must also take the test in your assigned test location or you will lose 3 points on your test.
- (5) An answer key will be posted on CANVAS within one day after each exam. To check your answers, record them on the test or scratch paper that you keep after turning in your scantron and tearoff sheets.
- (6) Graded tearoff sheets will be returned in class. You then have **one week** to see your instructor if you have questions about your exam grade.

See Section 3e for the Exam Conflict and Makeup Policies.

3. GRADING

3a COURSE GRADE: Your course grade is based on 500 points accumulated as follows:

Quizzes (best 6 of 8, 10 points each)	60
Class participation points (best 10 of 12, 4 points each)	40
WebAssign assignments	60
Semester exams (80 points each)	240
Final exam	<u>100</u>
	500

The total sum of points is your numerical score, which will be converted to a letter grade according to the following scale.

A	450 - 500 pts	C	340 - 359.99 pts
A-	435 - 449.99 pts	C-*	320 - 339.99 pts
B+	420 - 434.99 pts	D+	300 - 319.99 pts
B	400 - 419.99 pts	D	280 - 299.99 pts
B-	380 - 399.99 pts	D-	260 - 279.99 pts
C+	360 - 379.99 pts	E	0 - 259.99 pts

The course grade is determined by the number of points you have, not by the percentage, and will be strictly enforced. There will be no additional curve in this course, and extra assignments for individual students to improve a grade are NOT possible.

For those taking the S-U option: S [340 - 500 points] U [0 - 359.99 points]

***NOTE:** A grade of C- DOES NOT give Gordon Rule or General Education credit!

3b QUIZZES: Your instructor will administer eight quizzes in class on the dates listed in the course calendar. Each will be graded on a scale of 0 to 10 points, and the top six scores will count, up to a total of 60 points. The quiz will be based on previous lectures and homework assignments.

3c CLASS PARTICIPATION POINTS: Up to 40 points may be earned by attendance in lecture and completing problems in class. The two lowest class participation grades will be dropped. Your instructor will provide more information on the first day of class. **YOU MAY NOT TURN IN WORK FOR A STUDENT WHO IS NOT IN CLASS (see section 1i).**

Following university policy, you may expect a penalty (additional lost points) for attending fewer than 75% of your classes.

3d ONLINE HOMEWORK: The online homework administered on WebAssign is planned to complement the written exercises to maintain your knowledge of recent material. The online homework assignments must be completed by the specified due date. Your WA online homework grade is capped at 60 points, but the total number of points available is higher to offset credit lost due to technical difficulties or a missed assignment.

The homework problems are graded by WA and you see your score immediately after submitting your work. You will have multiple attempts for each problem; there are aids and a link to the e-book to help you solve each question.

Do not try to complete an assignment in one sitting; start early instead of waiting until the due date to avoid missing the deadline.

3e MAKE-UP POLICY: You must sign up for all makeup work with your instructor.

- **Exam Conflicts – The UF during Term Assembly Exam Policy** (<https://catalog.ufl.edu/ugrad/current/regulations/info/exams.aspx>): “Exams may be held Monday – Friday from 7:00 – 9:45PM (periods E1–E2) for the summer terms. If other classes are scheduled during an exam time, instructors must provide make-up class work for students who miss class because of an assembly exam. If two exams are scheduled at the same time, assembly exams take priority over time-of-class exams. When two assembly exams conflict, the higher course number takes priority. Instructors giving make-up exams will make the necessary adjustments.”

If MAC 2313 is the lower course number, students must inform their instructor in person at least ONE WEEK in advance of the exam date so that appropriate accommodations can be made. Otherwise it may not be possible to reschedule.

- **Religious Observance:** If you have to miss a class or an exam due to religious observance, you must notify your instructor **within the first week of class** and then you will be allowed to make up class participation points, a quiz, or an exam.
- **Make-up Exams:** If you are participating in a UF sponsored event, you may make up an exam only if you bring documentation to your instructor at least ONE WEEK PRIOR to the event.

If illness or other extenuating circumstances cause you to miss an exam, contact your instructor immediately (no later than 24 hours after the exam) by email. Then, as soon as possible after you return to campus, bring the appropriate documentation to your instructor. **To be eligible for this make-up you must have received at least half of the class participation points that have been given so far.**

All make-up exams are given on the last day of classes. Contact your instructor for exam location.

- **Make-up Quizzes:** There are no make-ups, unless,
 - 1) you are participating in a UF sponsored event, for which you must bring your documentation to the course coordinator before the sign-up deadline.
 - 2) you miss at least three discussion quizzes for which you have valid, documentable reasons for your absences. You will be allowed to make up the excused absences that are in excess of two. To be eligible for a make-up you must have received credit for at least half of the lecture participation points. Bring your documentation to your instructor **within one week of your third quiz absence**.
 - 3) you miss because of a court-ordered obligation – see your instructor.
- **Online Homework:** There are no make-ups. You can request an extension on WA homework within 24 hours after the deadline and you will have 24 hours to complete it after extension request. The extension must be submitted in WA directly. However, there will be a 20% grade penalty for those problems completed after the original due date for the assignment.

3g 10-MINUTE POLICY: Only the students who are present in the first 10 minutes of the class and stay for the entire period will be allowed to participate in the class activities.

3h ONE WEEK POLICY: All grades are posted in the Canvas gradebook (except individual online HW points which are accessed through WebAssign directly). You are responsible for verifying all grades are accurate. You have one week after a score is available to discuss any grade concerns with your instructor. There is no grades dispute after one week.

3i INCOMPLETE: A student who has completed a major portion of the course with a passing grade but is unable to complete the final exam or other course requirements due to illness or emergency may be granted an incomplete, indicated by a grade of “I”. This allows the student to complete the course within the first six weeks of the following semester. The student must contact your instructor before finals week to sign an incomplete grade contract (<http://clas.ufl.edu/forms/incomplete-grade-contract.pdf>), and must provide documentation of the extenuating circumstances preventing him or her from taking the final exam. The grade of “I” is never used to avoid an undesirable grade, and does not allow a student to redo work already graded or to retake the course. See the official policy at <http://www.math.ufl.edu/departments/incomplete-grades/>.

4. ONLINE COURSE EVALUATION

Students are asked to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open.

This syllabus is subject to change. You will be notified if any changes are made.

Updated on 5/12/2019