

MAC2233 Summer B Syllabus

	Instructor	Teaching Assistant
	Carol Demas	Cristina Korb
Office	LIT323	LIT417
email	demasc@ufl.edu	cekorb@ufl.edu
Office hours live	MTR 3 rd or by appointment	By appointment
Office hours online	Monday 3 PM	Wednesday 5 PM

1. Course Content

MAC 2233 is the first in the two-semester sequence MAC 2233 and MAC 2234 surveying the important ideas of calculus but emphasizing its applications to business, economics, life and social sciences. The course covers important precalculus topics: basics of functions and graphing, special functions and their applications as models (linear, quadratic, rational, exponential and logarithmic) as well as calculus: limits, differentiation, applications of the derivative, introduction to integration and its applications including area. A minimum grade of C (not C-) in MAC 2233 satisfies three credits of the university General Education quantitative requirement.

2. Prerequisites

MAC 2233 assumes that you have essential precalculus skills necessary to succeed in calculus. This course does not cover trigonometry. To enroll in MAC 2233, you must have earned a grade of C or better in MAC 1140, precalculus algebra, or MAC 1147, precalculus; earned calculus credit through an exam or earlier coursework; or have taken the ALEKS placement assessment and attained the required minimum score. You may take the ALEKS assessment through the ONE.UF homepage <https://one.ufl.edu>; click on Placement under My Online Services. For more complete information, check the page <https://student.ufl.edu/>. Note the following paragraph:

The Department of Mathematics encourages you to take the assessment even if you have met one of the prerequisites for MAC 2233. You may need to review your algebra skills and your placement assessment can provide information and specific areas for additional study." You can check with either an advisor in your college, the MAC 2233 course coordinator, or an advisor in the math department (the main office is Little 358) to be sure that you are eligible for MAC 2233.

The textbook for MAC 2233 begins with a short review of precalculus topics. You should already be competent in working this material. We strongly recommend that students who are having difficulty with this review material consider first taking MAC 1140, a three-credit review of Precalculus Algebra. You may switch courses on ONE.UF during the drop-add period. In an agreement with the registrar's office, you have one additional week to drop back to MAC 1140. After the drop-add period, the paperwork to move back to precalculus MAC 1140 must be completed through the math department. See the course coordinator, Dr. Harrington, in Little 378 for details.

Tentative Schedule (subject to revision)

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	Aug20	21	22	23	24
				PR, PRQ, SyllQ	H1, LQ1
26	27	28	29	30	31
H2, LQ2		H3, LQ3	CQ1(L1-L3)	H4, LQ4	
2	3	4	5	6	7
Holiday		H5, LQ5		H6, LQ6	CQ2(L4-L6)
9	10	11	12	13	14
H7, LQ7		H8, LQ8		H9, LQ9	CQ3(L7-L9)
16	17	18	19	20	21
H10, LQ10		H11, LQ11		H12, LQ12	CQ4(L10-L12)
23	24	25	26	27	28
PE1, DB1	Exam1	H13, LQ13		H14, LQ14	
30	Oct1	2	3	4	5
H15, LQ15	CQ5(L13-L15)	H16, LQ16		H17, LQ17	
7	8	9	10	11	12
H18, LQ18	CQ6(L16-L18)	H19, LQ19	Holiday	Holiday	
14	15	16	17	18	19
H20, LQ20		H21, LQ21	CQ7(L19-L21)	H22, LQ22	
21	22	23	24	25	26
H23, LQ23	CQ8(L22-L23)	H24, LQ24		H25, LQ25	CQ9(L24-L25)
28	29	30	31	Nov1	2
H26, LQ26, CQ10(L26)	PE2, DB2	Exam2		H27, LQ27	
4	5	6	7	8	9
H28, LQ28	CQ11(L27-L28)	H29, LQ29		H30, LQ30	CQ12(L29-L30)
11	12	13	14	15	16
Holiday		H31, LQ31		H32, LQ32	CQ13(L31-L32)
18	19	20	21	22	23
PE3, DB3		Exam3		H33, LQ33	
25	26	27	28	29	30
H34, LQ34	CQ14(L33-L34)	Holiday	Holiday	Holiday	
2	3	4	5	6	7
H35, LQ35		DB4	Reading	Reading	Final Exam

Blue: LQ# --online lecture quiz due date, CQ#--Canvas quiz due dates, PE#-- Practice Exam due date

Red: online Canvas Exam dates, schedule your time block with ProctorU at least 4 days in advance, (Exams1-3: 100 minutes, Final: 120 minutes)

Green: online MyMathLab homework due dates

Violet: online MyMathLab quiz date

Pink: Canvas discussion board due dates (Exam # Review and Preparation)

3. Required Materials

3.1 Textbook

Calculus with Applications, Eleventh Edition by Lial, Greenwall and Richey. The text may be accessed as an ebook through the online homework system MyMathLab. There are two ways to purchase MyMathLab, which will be available at the start of the semester.

_ You have the choice to \opt-in" to MyMathLab and the ebook. This gives you MyMathLab access for a reduced price of \$100 which is added as a charge to your student account. This is the lowest priced option for purchasing MyMathLab. The link to \opt-in" will be provided through Canvas once classes begin. The deadline for opting in is 9/13/19.

_ Students who do not "opt-in" can purchase an access code to MyMathLab and the ebook through the UF bookstore. This is not the best option since the cost is \$128.50.

It is not required, but some students prefer a hard copy of the text. If so, you may purchase from the UF bookstore a loose leaf "print upgrade" version of the ebook for \$41.25. You may also be able to find a new or used copy of the text online. But note the following: DO NOT TRY to purchase your MyMathLab code online or directly from Pearson. Those codes will not provide access to our MyMathLab course which is accessed through CANVAS. If you are having problems accessing MyMathLab through Canvas or if your access code is showing as invalid, please contact the publisher at: allaccess@bsd.u.edu.

Calculators: For text and homework problems, a scientific calculator that can perform basic statistics is required. A graphing calculator or computer program such as Wolfram Alpha can be useful study and learning tools when used appropriately but are not essential. Remember that calculus is a collection of concepts and ideas that are not mastered through calculator skills. No calculators are permitted on exams.

4. Lectures

4.1 Lecture Videos and note shells

Students are responsible for learning taped lecture material. Students can print out the lecture note shells from Canvas. You may also purchase a hard copy from Target Copy Center. The lecture notes and other documents posted on Canvas are in PDF format which requires the Acrobat Reader. You may download the latest version through <http://get.adobe.com/reader/>

5. Free Help and Resources

_ OFFICE HOURS. Both your lecturer and teaching assistant have regular weekly office hours which will be announced in class and posted on the MAC 2233 homepage on Canvas. These are open hours; you do not need to make an appointment. If you have a class conflict with scheduled hours, you may make a separate appointment with your lecturer or TA. Office hours are NOT a time to reteach course material. If you must miss class, first review the lecture material from your text and class notes (available on Canvas as indicated above) and then bring specific questions to office hours.

_ ONLINE OFFICE HOURS: Your instructors have online office hours through **Zoom Conferences** in Canvas. You will have to install software available at <https://ufl.zoom.us/>. Thereafter, to join a conference, click on "Zoom Conferences" in Canvas. A video of the conference will be available for viewing shortly after the conference end; you may view it by clicking on the "Cloud Recordings" tab. Your instructors will also send you pdfs of the completed conference notes after each session. Please check your Canvas inbox regularly—daily if possible.

_ MATH LEARNING CENTER, located in LIT215 is a tutorial service staffed by trained math and science students to provide help with your calculus questions and homework. Tutors will be glad to provide guidance on specific problems after you have attempted them on your own.

_ TEACHING CENTER AT SE BROWARD HALL. You can request free one-on-one tutoring here. The Teaching Center at Broward Hall tutors hold reviews on the evenings before each exam. They also provide videos of review and sample test problems. Check the webpage, <http://teachingcenter.ufl.edu>, for a map of the location, tutoring hours and test review dates and locations. All students are encouraged to use this resource!

_ OFFICE OF ACADEMIC SUPPORT offers free one-on-one and small group tutoring to UF students. See <http://oas.aa.ufl.edu/tutoring.aspx> for details.

_ Textbooks are available on reserve at the Library. The solutions manual for the odd numbered textbook exercises is available in MyMathLab.

_ Private tutors: If you feel that you need more individual help, you may obtain a list of qualified tutors for hire at www.math.ufl.edu. Search for "tutors".

_ Computer and Technical Difficulties For difficulties with computer problems, Gatorlink, etc. contact the UF Computing Help Desk at <http://helpdesk.ufl.edu> , 352-392-help.

_ UF COUNSELING CENTER provides information and workshops on developing math confidence. Go to <http://www.counseling.ufl.edu/cwc/Developing-Math-Confidence.aspx> for more information or to join the Academic Confidence Group.

The center also offers counseling support in case of issues with academics, adjusting to the stress of college life, or personal challenges. You may contact the center at www.counseling.ufl.edu/cwc/ or 352-392-1575. In the case of emergency you may contact the University Police Department: 392-1111 or 9-1-1 for emergencies.

_ U Matter, We Care Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@u.edu so that the U Matter, We Care Team can reach out to help. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

6. Students with Learning Disabilities

Students requesting class and exam accommodations must first register with the Dean of Students Office Disability Resource Center(DRC), www.dso.ufl.edu/drc/. That office will provide a documentation letter to the student to present to the instructor. This must be done as early as possible in the semester, at least one week before the first exam, so there is adequate time to make proper accommodations.

7. Academic Honesty

Remember that you committed yourself to academic honesty when you registered at the University of Florida. All students are bound to 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."

Academic Honesty Guidelines: All students are required to abide by the Academic Honesty Guidelines which have been accepted by the University. The academic community of students and faculty at the University of Florida strives to develop, sustain and protect an environment of honesty, trust and respect. Students are expected to pursue knowledge with integrity. Exhibiting honesty in academic pursuits and reporting violations of the Academic Honesty Guidelines will encourage others to act with integrity. Violations of the Academic Honesty Guidelines shall result in judicial action and a student being subject to the sanctions in paragraph XIV of the Student Code of Conduct."

The Mathematics Department expects you to follow the Student Honor Code. We are bound by university policy to report any instance of suspected cheating to the proper authorities. Each student must enter his or her own response; clicking for another student is a violation of the Academic Honesty Guidelines and will be reported. Minimum penalty: zero for Class Participation Points.

You may find the Student Honor Code and read more about student rights and responsibilities concerning academic honesty at the link www.dso.ufl.edu/sccr/.

In addition, we remind you that lectures given in this class are the property of the University/faculty member and may not be taped without prior permission from the lecturer and may not be used for any commercial purpose. Students found to be in violation may be subject to discipline under the Student Conduct Code.

8. Grading and Course Requirements

COURSE GRADE. Your course grade is calculated as follows:

Assignment	Weight in grade
MyMathLab homework (best 33 out of 35)	12%
Canvas quizzes (best 10 out of 14)	12%
4 Canvas Exams	65%
Extra Credit (MML precalc + Discussion Board + syllabus quiz+ practice exams)	7%
Canvas Lecture Question (best 33 out of 35)	12%
Total	108%

The total sum percentage score will be converted to a letter grade according to the following scale:

A	≥90%
A-	87-89.8%
B+	84-86.8%
B	80-83.8%
B-	76-79.6%
C+	73-75.5%
C	67-72.8%
C-	64-66.9%
D+	62-64.0%
D	57-62.0%
D-	56-57.0%
E	<56%

There will be no additional curve in this course, and extra assignments for individual students to improve a grade are NOT possible.

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

For those taking the S-U option: S [67% or higher] U [0 -66.9%]

Approval of the S-U option must be obtained from your instructor. The deadline for filing an application with the Registrar and further restrictions on the S-U option are given in the UF undergraduate catalogue.

NOTE: For information about dropping and course withdrawals go to

<https://catalog.ufl.edu/ugrad/current/regulations/info/drops.aspx#drop>

A complete explanation of current grade policies is found at

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

NOTE: We will not review disputed points at the end of the semester. All grade concerns must be settled within one week of the return of the paper. You must retain all returned papers in case of any discrepancy with your course grade. We cannot correct mistakes in grading or recording of scores without the original document.

9. Graded Assignments

9.1 Lecture quizzes in Canvas

There is a brief lecture quiz in Canvas for each lecture. You should complete these quizzes shortly after viewing the lectures to cement your understanding of the topics.

9.2 MyMathLab Homework

The online homework administered in MyMathLab is planned to reinforce learning and to provide practice of course material. Each homework assignment is worth 2 points, and your two lowest homework assignments will be dropped. There are no makeups or drops for online homework. Do not try to complete an assignment in one sitting; start early instead of waiting until the due date to avoid missing the deadline.

You will need a scientific calculator for homework. Some problems may also suggest the use of a graphing calculator to help you visualize important concepts and to reinforce the mathematical processes involved. The use of a calculator is recommended but not required. Remember we do not allow calculators on exams.

An important part of each assignment is reading and understanding the concepts of the lecture and text material. The reading assignment for each lecture should be completed before the lecture. After class, you should review this material along with your lecture notes before you begin working problems. Calculus material is cumulative, so you should complete each assignment as thoroughly as possible before your next class.

If you are having difficulty with any assignment, you may seek help from your lecturer or course TA during scheduled office hours as well as the tutors at the Broward Teaching Center. Be sure to start problems early so you have time to get your questions answered! The multimedia section of MyMathLab also provides valuable resources, including a solutions manual for the odd problems in the textbook.

9.3 Canvas Quizzes

There are 14 untimed quizzes in Canvas. Three attempts are allowed with only the highest score counting. The lowest two quiz scores are dropped. Since the lowest scores is dropped, there will be no makeups. Canvas quiz questions resemble exam questions so please take them very seriously.

9.4 Exam and Exam Policies

Exams are taken through ProctorU in Canvas; see the calendar for details. Students are responsible for material covered in lectures, reading assignments, and text problems. A command of related algebraic concepts is assumed. Sample tests are available from the Teaching Center one week before each exam.

9.5 Extra Credit

Extra credit opportunities are available through MyMathLab Precalculus assignments, practice tests, syllabus quiz in Canvas, and through use of the discussion board in Canvas. Asking at least one question and answering at least one question on the discussion board for each exam unit will earn extra credit for each exam unit. Discussion board points are capped at 2 per exam unit. Discussion boards close for comments at 10 PM the night before exams.

10. Make-up Policies

You may take a make-up exam if you have a valid excuse with valid documentation. Valid excuses consist of school-sponsored activities, court-ordered appointments, illness, emergency, religious observances, and military duty. If illness or other extenuating circumstances cause you to miss an exam, contact the instructor immediately (no later than 24 hours after the exam) by email. If you do not have valid documentation there is a 10% penalty.

_ Makeup Online Homework: With the extended availability of online homework, we do not provide makeups for online work. Exception: if you must miss class for an extended period of time due to illness or a family emergency, see your instructor to discuss an extension of the due date for online assignments.

_ Makeup Quizzes Since the lowest two quizzes is dropped, no make-ups are given for quizzes. Exception: if you must miss class for an extended period of time due to illness or a family emergency, see your instructor to discuss other options.

11. Incomplete Grade

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 with permission to complete the course within the first six weeks of the following semester. The student must sign a departmental incomplete contract and provide documentation. 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/> Missing a final exam due to negligence, however, will result in a minimum 10%-point penalty.

12. Prerequisite concepts

This course assumes that you have a sound precalculus background. The textbook provides a complete review of these essential topics.