

DEPARTMENT OF MATHEMATICS  
STUDENT SYLLABUS  
MAC 2233 Sec.10-31  
Spring 2019

TR Lecture

**INSTRUCTOR:** Dr. Yaineli Valdes

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**OFFICE HOURS:** TR: 11:15 am-1:15 pm (or by appointment)

**SUBSTITUTE:** Ms. Lydia Eldredge

**OFFICE:** 409-C MCH      **e-mail:** [lredredg@math.fsu.edu](mailto:lredredg@math.fsu.edu)

**OFFICE HOURS:** TR: 11:00 am-1:00 pm (or by appointment)

**ELIGIBILITY:** You will be deemed eligible for this course if (1) you have credit for MAC 1105 (or an equivalent course in College Algebra) with a grade of C- or better, or (2) you have scored in AMP Group A3 or higher. Students who have credit for a higher-level math course cannot receive credit for MAC 2233. You will also be deemed eligible for this course if you take the ALEKS test and score a grade of 61% or higher. For any additional information, please go to <http://www.math.fsu.edu/~bellenot/ALEKS/>. If you have been told by the Mathematics Department that the ALEKS test is required and you do not take it, then the Mathematics Department may drop you from the course. It is the student's responsibility to check and prove eligibility. Ineligible students will not be allowed to take this course. Advisement assistance is available in 205-D LOV.

**COURTESY AND ATTENDANCE:** Students are expected to get to class on time and not to leave class until class has been dismissed. If you must leave class early, please let your instructor know before class begins. You are expected to attend class regularly. Studies show that students who attend class get higher grades than those who skip classes. A student absent from class bears the full responsibility for all subject matter and procedural information discussed in class. Students whose names do not appear on the class roll cannot attend classes.

**VERY IMPORTANT – PARTICIPATION REQUIREMENT: This course has a participation requirement measured by attending lecture and lab assignment completion.**

**OPTIONAL REFERENCE TEXT:** Calculus for Business, Economics, Life Sciences and Social Sciences, Barnett/Ziegler/Byleen; Pearson

**REQUIRED HARDWARE: iClicker**

We will use iClicker to track class participation. iClickers are sold at the bookstores. There are at least two different iClicker models; either one is acceptable, as long as it is an iClicker model and not some other brand (such as Turning Point). Class participation points earned via iClicker will be extra credit added to your quiz average in the manner described under the paragraph "Quizzes" below. In order to receive class participation points, you must purchase, possess, clicker, register it, bring it to class, and use it correctly. Inappropriate uses of the clicker -

including but not limited to entering responses for another student, enlisting another student to enter your responses, or entering responses while not present in the classroom - are violations of the Academic Honor Code.

**CALCULATOR POLICY:** Calculators may not be used on any tests. Any person using a hand-held calculator or a computer calculator on a test/quiz will be given a grade of zero on the test/quiz. A graphing calculator might be helpful for checking homework problems.

**TEST DATES w/ COURSE CONTENT:**

Unit I: 3.1-3.7; 4.1

Unit II: 4.2-4.5; 5.1-5.3; 6.1

Unit III: 6.2, 6.5; 7.1-7.2; 8.1-8.2

Unit IV: 8.3, 8.6

TEST#1: Monday, 2/11 (Unit I)

TEST#2: Monday, 3/11 (Unit II)

TEST#3: Monday, 4/15 (Unit III)

Unit tests will be given in the assigned lab classes during the dates indicated above.

**QUIZZES:** "Quizzes" are weekly quizzes given in lab. Your semester quiz average, as a percent, will be the total number of quiz points earned divided by the total number of possible quiz points. Class participation points earned via iClicker will be extra credit added to the total number of quiz points earned. Each class period in which iClicker is used will provide the opportunity to earn roughly one class participation point.

Your lab class will meet each Monday, as scheduled. You may attend only the section in which you are enrolled. You may not attend, or take a quiz or test with, a different section.

**FINAL EXAM:** (Covers Unit I - IV) Final exam is comprehensive. Your Final Exam will be given in one of the four computer equipped classrooms in HTL or in 107 MCH or in 319 HCB. The University Final Exam Schedule does not apply to MAC2233. The MAC2233 Final Exam will be given M-R of Exam Week. Students will use an on-line registration program to reserve an exam time of their choice during M-F of exam week. It would be the responsibility of the student to choose a time that does not conflict with the exam times for their other classes (as listed in the Examination Schedule of the Registration Guide). I will let you know in advance when the registration program would be available and you will have 3 weeks to sign up for your final exam. During this 3-week period, you will be able to change your exam time, depending on available times. Further information will be available before the registration period begins. **You must check your exam schedule carefully.** After final exam registration closes, changes, without penalty, will be made only for conflicts that involve documented changes in the exam schedule for your other classes. That is, changes will be made only if an instructor in one of your classes changes the time of the final exam from that given in the Directory of Classes, and this change conflicts with your selected MAC2233 exam time. **A 15% penalty will be imposed on your final exam grade for any other changes made after registration closes, this includes students who fail to register before the deadline, miss their exam, changes in travel, or because of airline ticket purchases.** The link for the on-line registration will be on my course website.

**GRADING:** There will be three unit tests, a cumulative final examination, and several short quizzes (including attendance quizzes). Numerical course grades will be determined by the larger of Av1 and Av2 where

$$Av1 = [(6U+Q+3E)/10] - P$$

$$Av2 = [(4U+Q+5E)/10] - P,$$

U = test weighted average =  $(3T1+4T2+5T3)/12$ , Q = percent quiz average, E = final exam grade, P = Participation Requirement Deduction

Letter grades will be determined from numerical grades as follows.

<b>A</b> = 92.50 or above	<b>B+</b> = 87.50 - 89.49	<b>C+</b> = 77.50 - 79.49	<b>D</b> = 62.50 - 69.49
<b>A-</b> = 89.50 - 92.49	<b>B</b> = 82.50 - 87.49	<b>C</b> = 72.50 - 77.49	<b>D-</b> = 59.50 - 62.49
	<b>B-</b> = 79.50 - 82.49	<b>C-</b> = 69.50 - 72.49	<b>F</b> = below 59.50

**COURSE OBJECTIVES:** This course is intended to introduce students to calculus concepts that are prerequisites for some advanced topics in business, economics, and social sciences. This course covers limits, continuity, first and higher derivatives, and the differential, with applications to graphing, rates of change, and optimization methods; techniques of integration and applications; introduction to multivariate calculus.

**LIBERAL STUDIES FOR THE 21<sup>ST</sup> CENTURY:** The Liberal Studies for the 21<sup>st</sup> Century Program at Florida State University builds an educational foundation that will enable FSU graduates to thrive both intellectually and materially and to support themselves, their families, and their communities through a broad and critical engagement with the world in which they live and work. Liberal Studies thus offers a transformative experience. This course has been approved for the Liberal Studies disciplinary requirements and thus is designed to help you become a critical analyzer of quantitative and logical claims.

**LIBERAL STUDIES FOR THE 21<sup>ST</sup> CENTURY COMPETENCIES:** Students will demonstrate the ability to: Analyze problems drawn from real-world scenarios by interpreting and evaluating data and applying appropriate mathematical, statistical, logical, and/or computational models or principles, using appropriate technology, and explaining the results. These competencies will be evaluated throughout the term on each of the three Unit Tests and the Final Exam.

**PRACTICE TESTS:** Practice tests are available over the Internet at the following URL: <http://einstein.math.fsu.edu:9233>. The questions on the in-class unit tests will be very similar to questions on the on-line practice tests. Working on-line practice problems is very important.

**TEST/QUIZ ABSENCE POLICIES:** Students must provide advance notice of absences (when possible) as well as relevant documentation regarding absences to the instructor as soon as possible following the illness or event that led to an absence. Regardless of whether an absence is excused or unexcused, the student is responsible for making up all work that is missed.

See the "University Attendance Policy" below for acceptable reasons for an excused absence.

**Any medical excuse must state explicitly that the holder should be excused from class.** Students missing class because of a family death must show evidence of the death and evidence of the relationship to the deceased. Note that students will not be given excused absences to attend family functions or other non-academic events. Official University activities include official events at which the student is representing the University, such as athletic competitions and academic activities sponsored by a student's academic department or college. Registered Student Organizations (RSO's) and Greek Life activities are not considered official university activities.

If a test absence is excused, then a make up exam will be arranged. An unexcused absence from ONE unit test may have the final exam minus a 20 point penalty applied for that test grade. If a student has unexcused absences for more

than one exam, then the student must drop the course. The final exam **cannot** be used to replace more than one exam. If a quiz absence is excused, then that quiz will not count in the student's quiz average. An unexcused absence from a quiz will result in a grade of zero. Students must bring FSU ID cards to all exams. No tests or quizzes that have been taken, will be dropped nor replaced.

**Students are in danger of failing the course if they miss more than 2 quizzes (lab, lecture quizzes which includes attendance and take home quizzes; excused or not). Your final course average will be reduced by 1 point for each additional quiz missed beyond 2. No exceptions. (Even if a student has an excuse for a missed lab quiz or a lecture quiz which includes attendance, that still counts as a missed quiz.)**

**IMPORTANT NOTE:** The student must stop by my office with the documentation for any excuse within one (1) week of the student's return. **Please note:** I don't accept any documentation for any excuse in lecture, lab class or by email. Also, I will not discuss grades over email or over a telephone. I will only discuss grades in my office with a student who has a photo ID.

**UNIVERSITY ATTENDANCE POLICY:** Excused absences included documented illness, deaths in the family and other documented crisis, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness. **NOTE:** Car trouble, appointments of any kind and "family emergencies" are not considered excused.

**ACADEMIC HONOR POLICY:** The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to ". . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at <http://fda.fsu.edu/Academics/Academic-Honor-Policy>.)

**FREE TUTORING FROM FSU:** For tutoring and writing help in any course at Florida State University, visit the Academic Center for Excellence (ACE) Tutoring Services' comprehensive list of tutoring options - see <http://ace.fsu.edu/tutoring> or contact [tutor@fsu.edu](mailto:tutor@fsu.edu) for more information. High-quality tutoring is available by appointment and on a walk-in basis. These services are offered by tutors trained to encourage the highest level of individual academic success, while upholding personal academic integrity. Students should use caution when engaging the services of tutors (or tutoring services) that have no affiliation with FSU. If a tutoring service provides information or materials that violate the Academic Honor Policy, then you, by engaging that service, will be in violation of the Academic Honor Policy. If you provide test details to any individual or tutoring service, then you are in violation of the Academic Honor Policy. You will be asked to give an honor pledge for every graded assignment; please take it seriously.

**AMERICAN DISABILITIES ACT:** Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Student Disability Resource Center; and (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from the Student Disability Resource Center has been provided.

Each student must meet with his/her lecturer to discuss his/her particular situation and the available testing options. Accommodations will be provided within one week of that meeting.

The eGrade software used in this course is not fully accessible for students with visual impairments. Visually impaired students are referred to the SDRC for interim accommodations.

This departmental syllabus and instructor written class materials can be made available in alternative format upon request. For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center  
874 Traditions Way  
108 Student Services Building  
Florida State University  
Tallahassee, FL 32306-4167  
(850) 644-9566 (voice)  
(850) 644-8504 (TDD).  
Email: [sdrc@admin.fsu.edu](mailto:sdrc@admin.fsu.edu)  
Home Page: <http://www.disabilitycenter.fsu.edu/>

**SYLLABUS CHANGE POLICY:** "Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice."