DEPARTMENT OF MATHEMATICS  
STUDENT SYLLABUS  
MAC 2233  
SUMMER 2018

C-SESSION  
MTWRF Lectures  
TR Labs

INSTRUCTOR: Mr. Ken Dodaro  
e-mail: dodaro@math.fsu.edu  
Home Page: https://www.math.fsu.edu/~dodaro

OFFICE: 115-J MCH

OFFICE HOURS: Monday – Thursday: 9:00 – 12:00 Noon; Other hours 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 after January 1999. 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 https://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.

ATTENDANCE Students whose names do not appear on the class roll cannot attend classes. Students are expected to attend classes, and students with excessive (excused or unexcused) absences will not be given a passing grade or a grade of I.

RECOMMENDED TEXT: Calculus for Business, Economics, Life Sciences and Social Sciences, Barnett/Ziegler/Byleen; Pearson.

CALCULATOR POLICY Calculators may not be used on any tests. Any person using an unauthorized calculator on a test/quiz will be given a grade of zero on the test/quiz. A graphing calculator is recommended for checking homework problems.

COURSE CONTENT  
Unit I: 3.1-3.7  
Unit II: 4.1-4.5; 5.1-5.3; 6.1  
Unit III: 6.2; 6.5; 7.1-7.2; 8.1-8.3; 8.6  
TEST #1: Tuesday, July 10 (Unit I)  
TEST #2: Thursday, July 19 (Unit II*)  
TEST #3: Thursday, August 2 (Unit III*)

*Test may contain material from previous units.

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.

HOMEWORK PROBLEMS Working homework problems should help students understand the course material and prepare for tests.

PRACTICE TESTS Practice tests are available over the Internet at the following URL: https://einstein.math.fsu.edu:9233/. The questions on the in-class unit tests will be very similar to questions contained on the on-line practice tests.
TEST/QUIZ POLICIES  No makeup tests or early tests or quizzes will be given. A test absence or quiz absence will be excused only if the student presents sufficient verifiable evidence of acceptable, extenuating, unavoidable circumstances. Excused absences include documented illness, deaths in the family and other documented crises, 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. An acceptable 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. Students will not be given excused absences to attend family functions or non-university activities. NOTE: Car trouble, appointments of any kind and “family emergencies” are not considered excused. Also, no tests or quizzes that have been taken, will be dropped nor replaced.

The Test #3 grade may be used to replace ONLY ONE missed unit test. For an excused, verifiable absence, the Test #3 grade (which is comprehensive) replaces the missed unit test grade. For an unexcused absence, the Test #3 grade minus a penalty will replace the missed unit test. If you miss two or more unit tests for any reason (excused or unexcused), then you need to drop the course. The Test #3 grade can not substitute for two unit tests. If you miss ONE quiz for an excused, verifiable reason, then no grade will be assigned to the missed quiz (i.e. it will not count in your quiz average). For subsequent quiz absences (excused only), the student must see the instructor. A grade of zero will be assigned for an unexcused quiz grade. NOTE: car trouble, appointments of any kind, and “family emergencies” are not considered excused. Also, no tests or quizzes that have been taken, will be dropped nor replaced.

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.

GRADING  There will be three unit tests and several short quizzes. No test or quiz grades will be dropped. The numerical course grade will be Av = (Q+2*T1+3*T2+4*T3)/10 where Tj = test j grade and Q = percent quiz average. Letter grades will be determined from numerical grades as follows.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Numerical Range</th>
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<tbody>
<tr>
<td>A</td>
<td>92.50 or above</td>
</tr>
<tr>
<td>A-</td>
<td>89.50 - 92.49</td>
</tr>
<tr>
<td>B+</td>
<td>87.50 - 89.49</td>
</tr>
<tr>
<td>B</td>
<td>82.50 - 87.49</td>
</tr>
<tr>
<td>B-</td>
<td>79.50 - 82.49</td>
</tr>
<tr>
<td>C+</td>
<td>77.50 - 79.49</td>
</tr>
<tr>
<td>C</td>
<td>72.50 - 77.49</td>
</tr>
<tr>
<td>C-</td>
<td>69.50 - 72.49</td>
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<tr>
<td>D</td>
<td>62.50 - 69.49</td>
</tr>
<tr>
<td>D-</td>
<td>59.50 - 62.49</td>
</tr>
<tr>
<td>F</td>
<td>below 59.50</td>
</tr>
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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 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. You will be asked to give an honor pledge for every graded assignment; please take it seriously.

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.)

Students must bring FSU ID cards to all tests.
**LIBERAL STUDIES FOR THE 21st CENTURY:** The Liberal Studies for the 21st 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 21st 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.

**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
Home Page: [http://www.disabilitycenter.fsu.edu/](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.”