MAC 2233 Applied Calculus Online #3146

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Required Text
A **MyMathLab Access Code** is required to participate in this course. The access code includes access to MyMathLab, an online copy of the textbook, an online copy of the student's solutions manual, a multi-media library including lecture videos, and more. **The access code will be easiest to purchase on your first access to the class in MyCourses.   It is also available in the SPC bookstores.**

Required: MYMATHLAB WITH ETEXT (comes with required MML access code) **:** ISBN: 9780321199911

Optional: Textbook with access: ISBN9780321760005

Note: The hardcopy textbook is optional because the MML access code comes with a free ebook.

Suggested Calculator
TI-83, TI-84, or TI-84 Plus. A Calculator is Strongly Recommended.

Course Description
Prerequisite: MAC 1105, or MAC 1106, or satisfactory score on the SPC mathematics placement test or program director approval. This course is a geometric and heuristic approach to calculus: differentiation and integration of algebraic and exponential, and logarithmic functions, applications to graphing, marginal analysis, optimization and areas. This course cannot be used to satisfy requirements of students majoring in mathematics or engineering. Credit is only given for MAC 2233 or MAC 2311 or MAC 2311H.

Tentative Schedule
Important Dates: http://www.spcollege.edu/calendar
Course Dates: 1/11/16 – 5/6/16
Deadline to drop with refund: 1/15/16
Deadline to withdraw without refund: 3/23/16
Proctored Midterm Exam: no midterm in my class
Proctored Final Exam: 4/29-5/1   2016
Specific testing information will be emailed to the class at a later date.

Course Requirements

All assignments for the week, unless otherwise noted, are due on **Monday at midnight**. (at the end of the week in which they are assigned) IMPORTANT: Please do not wait until the last minute to complete the Unit Tests (no later than midnight on Mondays) If possible, try to complete them on the weekend of that week… in that way, if you have trouble with the Test Reviews, you'll be able to seek help before it is too late.

Homework Assignments 10% of Final Grade

At the end of each lesson in the MML online curriculum, there is a Section Homework Assignment. This class is set up to encourage Mastery Learning, so you may rework any Homework Assignment to get a perfect score (unlimited attempts); however, the computer will use the highest score to average your final grade in the course. You may use your book and your notes while working on the Homework. At the end of each unit any Homework Assignment not taken by the last day will be assigned a zero (0). These can be made up later, but after each unit your HW average will be transferred to MyCourses. If you have difficulty with a problem, do not hesitate to ask questions. There are several tools available for each problem (Help Me Solve This, View an Example, Video, Textbook, ask your instructor).

Section Quizzes 20% of Final Grade

At the end of each lesson in the MML online curriculum, there is a Section Quiz. This class is set up to encourage Mastery Learning, so you may retake the any Quiz (a maximum of 3 attempts); however, the computer will use the highest of your three scores on each quiz to average your final grade in the course. You are expected to not use your book nor your notes during the Quiz, but you may use a calculator on any assignment or quiz. Any Section Quiz not taken by its respective deadline will be assigned a zero (0). There will be a quiz make up period at the end of the semester for any missing grades or for quizzes that you'd like a better score.

Unit Tests (40%) of Final Grade

You will be taking four (4) online Unit tests according to the Class Schedule. These tests (1 attempt), as well as their reviews, can be found in MyMathLab. It is your responsibility to complete these tests by the deadline. A student missing the test deadline for ANY reason will receive a zero for that test. It is advisable you take the review multiple times in order to better prepare for the actual test. You may not use your book nor your notes during the Unit Tests, but a calculator is recommended. Each Unit Test is timed.

Midterm Exam – there is no Midterm Exam in my class.

Final Exam -- Proctored (Supervised) Exam 30% of Final Grade

For all students, the Final Exam must be taken by the scheduled date according to the Class Schedule. This exam is timed and **MUST be proctored (supervised)** at an educational facility near you. If you live in Pinellas County, you are expected to take the Final Exam on one of SPC's campuses as outlined in the Exam Schedule document. Reference the document regarding the Final located inside the respective folder. Your score on the Final Review should be at least an 80% in order to maximum your opportunity for success on the Final Exam. A student missing the exam deadline for ANY reason will receive a zero for the exam. **It is expected that you earn at least a 70% on the final exam. Scores below 70% on the final are subject to a Failing final grade depending on many other factors.** After the exam, anyone not meeting the required minimum score will be contacted. All OSSD students must provide appropriate documentation if they need special arrangements for testing and must make arrangements for their testing.

Proctored Exam Options

All the information for local and distant students can be found at the url below and in the final exam folder in the course content section in MyCourses.

http://mycoursessupport.spcollege.edu/proctored-testing-information

<u>Proctor U</u> is an option for students outside Pinellas County and those with special circumstances. Information about Proctor U is found in the "Final Exam" module in the course content section of MyCourses. You must be willing to give up certain privacies that I find a bit intrusive, but it is an acceptable option, and the college accepts this type of proctoring. Please let me know if you will be using this service.

Course Links

MYMATHLAB STUDENT SUPPORT: http://www.mymathlab.com/contactus_stu.html

MYMATHLAB HOME: http://www.mymathlab.com/

eCampus Home: http://www.spcollege.edu/ecampus/

Syllabus Addendum: http://www.spcollege.edu/addendum/

Financial Aid: http://www.spcollege.edu/pages/dynamic.aspx?id=614

Grading Policy

Course letter grades will be determined based on the following scale:

Grade Percentage

A = 90 - 100
B = 80 - 89.4
C = 70 - 79.4   {note: I do round up, so an 89.5 rounds up to a 90% for an A… 89.3 does not}
D = 60 - 69.4
F = Below 60

Grades of "I" (Incomplete) are NOT given in this course. If you do not complete the course by the scheduled final date, you will receive an "F" for the course.

Total course grade points will consist of an aggregate of points from the following areas:

30% - Final Exam
40% - Tests (10% each)
20% - Section Quizzes
10% - Homework

State policy specifies that students may not repeat a college credit course for which a grade of "C" or higher has been earned except by appeal to the campus Academic Appeals committee. You may repeat a college credit course one time without penalty. At the third attempt, you will pay the full cost of instruction. The full cost of instruction rate for the academic year is stated in the course catalog. In addition, at the third attempt you may NOT receive a grade of "I," "W," or "X," but must receive the letter grade earned. This grade will be averaged into your overall grade point average.

Attendance Policy

For this class, attendance is defined as follows: Students are required to logon to MyCourses on a regular basis, complete all assignments, quizzes, and tests on or before the due dates, and to interact with your professor and

peers. Professors will verify that students are in attendance at least once each week during the first two weeks of class. Students classified as "No Show" for both of the first two weeks will be administratively withdrawn. Immediately following the 60% point of the term, each instructor will verify which students are actively participating in class. Students classified as not meeting the criteria for active class participation will be administratively withdrawn with a "WF". Active class participation for this class is defined as responding to emails and/or posting to the discussion board as required by your instructor as well as completing Evaluates, Tests, and Exams by the required deadlines. If a student fails to complete Test 1, Test 2, and the majority of the quizzes for these chapters by their respective deadlines, then by the 60% point of the term he/she will be classified as not actively participating and will be administratively withdrawn from class. Students will be able to withdraw themselves at any time during the term up until the last date to withdraw. Students and instructors will automatically receive an e-mail notification to their SPC email whenever a withdrawal occurs.

Test & Exam Policy
You will be allowed to retake or makeup one (1) test at the end of the semester.   Instructions about this policy will be e-mailed toward the end of the semester. Tests that are retaken will receive the score on the retake, even if that score is lower. Students missing a Test or the Exam for any reason will receive a zero (0) in the gradebook.

Academic Integrity
St. Petersburg College has an Academic Honesty policy. It is your responsibility to be familiar with the policies, rules, and the consequences of violations. There is no tolerance for cheating and academic dishonesty. Discipline can range from a zero on a specific assignment to expulsion from the class with a grade of F. Note that copy/pasting published information, whether it's from your textbook or the Internet, without citing your source is plagiarism and violates this policy. Even if you change the words slightly the ideas are someone else's so you still have to cite your sources. Cheating, plagiarism, bribery, misrepresentation, conspiracy, and fabrication are defined in Board Rule 6Hx23-4.461. Student Affairs: Academic Honesty Guidelines, Classroom Behavior. http://www.spcollege.edu/academichonesty/

Disability Policy
If you wish to request accommodations as a student with a documented disability, please make an appointment with the Learning Specialist on campus. If you have a documented hearing loss, please contact the Program for the Deaf/Hard of Hearing at 727-791-2628. If you will need assistance during an emergency classroom evacuation, please contact your campus learning specialist immediately about arrangements for your safety. The Office of Services for Students with Disabilities can be reached at 791-2628 or 791-2710 (CL), 341-4758 (SP/G), 394-6108 (SE), 712-5789 (TS), 341-3721 (HEC) or 341-4532 (AC). http://www.spcollege.edu/webcentral/catalog/Current/ossd.htm

Miscellaneous

What Students can expect from Instructor
The instructor will establish and maintain, with your involvement and help, a safe, comfortable learning environment in which your opinions and thoughts are valued. The instructor will make meaningful assignments designed to broaden your knowledge and help improve your ability to problem solve utilizing the critical thinking skills developed in the study of Mathematics.

Dual Enrollment, Early Admissions, & Early College Students
Dual Enrollment, Early Admissions, or Early College student may not withdraw from any college level course without consultation with the Early College/Dual Enrollment office. Withdrawal from a course may jeopardize the student's graduation from high school. The Dual Enrollment office can be reached at 712-5281 (TS), 791-5970 (CL) or 394-6000 (SE).

MAC2233 Online Spring 2016

	Monday	Tuesday	Wednesday	Thursday	Friday
JANUARY	**11** JAN — Regular and Online Classes Begin	**12**	**13**	**14**	**15** Sec 1.1 & 1.2
	18 MLK HOLIDAY College Closed	**19**	**20**	**21**	**22** Sec 1.3 & 1.4
	25	**26**	**27**	**28**	**29** Test #1 Begins Sec 1.5 & 1.6
FEBRUARY	**1** FEB Ch 2 HW & Quizzes Open	**2**	**3**	**4**	**5** Sec 1.7 & 1.8
	8 Test #1 Ends	**9**	**10**	**11**	**12** Sec 2.1 & 2.2
	15	**16**	**17**	**18**	**19** Sec 2.3 & 2.4
	22	**23**	**24**	**25**	**26** Test #2 Begins
	29 Ch 3 HW & Quizzes Open	**1** MAR	**2**	**3**	**4** Sec 2.7
MARCH	**7** Test #2 Ends	**8** Spring Break	**9** Spring Break	**10** Spring Break	**11** Spring Break
	14	**15**	**16**	**17**	**18** Sec 3.1 & 3.2
	21	**22**	**23** Last day to withdraw with a "W" for Regular and	**24** Spring Holiday College Closed 3/25	**25** Test #3 Begins Sec 3.3 & 3.4
	28 Ch 4 HW & Quizzes Open	**29**	**30**	**31**	**1** APRIL Sec 3.5 & 3.6
APRIL	**4** Test #3 Ends	**5**	**6**	**7**	**8** Sec 4.1 & 4.2
	11	**12**	**13**	**14**	**15** Test #4 Begins
	18	**19**	**20**	**21**	**22** Sec 4.5
	25 Test #4 Ends	**26**	**27**	**28**	**29** Online Finals

Calculus and Its Applications, 10e. Bittinger, Ellenbogen, Surgent

Chapter 1

1.1		1-79 eoo(every other odd), 83, 89, 95
1.2		1-75 eoo
1.3		1-23 eoo, 29, 33, 41, 47, 53
1.4		1-23 odd, 27, 43, 47, 51, 55
1.5		1-85 odd, 89, 95, 107, 111, 119
1.6		1-99 odd, 103, 107, 111, 119
1.7		1-61 odd, 75, 81, 83
1.8		1-35 odd, 45, 49, 57, 71
Test Review 1	**Test 1**	**(Quizzes 1-8 including 8.5)**

Chapter 2

2.1		1-33 odd, 71, 75, 81, 87, 91, 95
2.2		1-55 eoo, 107
2.3		1-55 eoo, 57, 59, 63, 67, 73-79 all
2.4		1-85 eoo, 103, 105, 107, 109
2.5		1-17 odd, 23-29 odd, 39, 45, 51, 57
2.6		1-19 odd
2.7		1-37 odd, 41, 45, 47, 51
Test Review 2	**Test 2**	**(Quizzes 9-15 including 15.5)**

Chapter 3

3.1		11-53 odd, 57, 63, 75-87 odd, 93, 95
3.2		41-89 odd, 93, 97, 101, 111
3.3		1, 5, 9-19 odd, 23, 31, 43
3.4		1-23 odd, 31, 39
3.5		1-41 odd, 47, 51
3.6		1-15 odd
Test Review 3	**Test 3**	**(Quizzes 16 – 21 including 21.5)**

Chapter 4

4.1		1-71 odd, 75, 79, 81, 85
4.2		1-11 odd, 31-39 odd
4.3		1-13 odd, 17, 25-33 odd, 37, 43-57 odd, 63, 69, 77, 85, 93-103 odd
4.4		1-37 odd, 41, 45, 49, 51, 63, 67
4.5		1-59 odd, 65, 69, 73, 75, 85, 93
Test Review 4	**Test 4**	**(Quizzes 22 – 26 including 26.5)**

Final Exam