



Supplementary Syllabus to Mathematical Sciences 106

Calculus I-Section 19

Rm M-302 Martin Hall

3:35-4:25MW; 3:30-4:20TTH

6:45-8:15 pm W(exam night)

Instructor: Calvin L. Williams, Ph.D.

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Office Hours: MW 10:00-11:00am TTH 9:30am-10:30am or By Appointment

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I. Course Materials

- (a) **Text:** Calculus - **Briggs and Cochran**, • Student's Solutions Manual Part I by Briggs and Cochran. 1st Edition. Boston, Massachusetts: Pearson Addison-Wesley, 2010 – recommended, online, • Just-in-Time Workbook, required.
- (b) **Software:** MyMathLab required, bundled with text.
- (c) **Online Software:Free!** <http://www.geogebra.org/>
- (d) **Blackboard:** <http://bb.clemson.edu> (Location of Grades, Keys to Quizzes)

II. **Course Description:** This document is a supplement to the MthSc106 Course Information and Policies, found at <http://mthsc.clemson.edu/ug/MthSc106/crsinfo.html>. This course introduces the theory and practice of the calculus of one variable to model phenomena in engineering and science. The course will cover a review of precalculus, limits, continuity, derivatives, antiderivatives, and indefinite integrals.

III. Additional Classroom Staff

- (a) Graduate TA: David Matthiessen.
- (b) Undergraduate SI Assistant(s): Kylie Gomes.

The Graduate TA will grade In-Class Group Work and Quizzes. Both the TA and SIA will assist in the classroom and answer your questions as you are working in class.

IV. **Tardy Professor Policy:** If the instructor is more than 15 minutes late for any class you may leave.

V. **Grading Policy:** Refer to the course web-site for details on the common grading policy, grading scale and additional information.

<http://mthsc.clemson.edu/ug/MthSc106/crsinfo.html>

- VI. **Attendance Policy:** All classes should be attended. If not, legitimate excuses must be offered with respect to the day(s) missed. If you are ill, STAY AT HOME. I will accept e-mail or phone calls to that effect. You will still have to get an excuse from Redfern. Attendance will be monitored. Note the “Daily In Class Group Activities & Quizzes” section that follows. Accordingly, the university’s policy on religious holidays will be acknowledged and honored.
- VII. **Daily In Class Group Activities, Text Problems, & Quizzes:** 15% of your final grade. **You will not receive credit for any group work for which you are absent. NO MAKEUPS** for absences; a percentage of these scores will be dropped before calculating the final grade. **Homework should be completed within three class meetings from the time that the section is completed.** Note that your daily grade is the only part of the grading structure that is in the control of your instructor, hence it is in your best interest to attend and participate in each class. The grade in this category is usually higher than the overall course average because students can get help with all work in this category (as opposed to tests and the final exam). The same is true of your MyMathLab average (the HW category in Course Policies).
- VIII. **Groups:** You will work in a group of 2-3 students. Groups will be organized during the second week of the semester and maybe changed after Exam 2. Technology (Tablet-PCs) may be used to record student solutions to learning activities and quizzes. Participation is voluntary but hopefully there will be full participation by all students.

<http://mthsc.clemson.edu/ug/MthSc106/crsinfo.html>

- IX. **Examination Policy:** There will be three common exams, each worth 15% of your grade for the course. The common final will be 25% of your grade for the course and it may also replace the lowest of the four exams. **(Please provide documentation in advance, at least a week for University-Related Travel or Special Testing Needs.)** You have 1 week to submit an unit test for regrading or to dispute your score. Additional information can be obtained from the common calculus course description page.

<http://mthsc.clemson.edu/ug/MthSc106/crsinfo.html>

Please be aware of the following caveat about receiving a passing grade in Mthsc 106:

In order to earn a passing grade for the course, a student must have either: (a) a final exam score of 60% or higher, or (b) a weighted average test and final exam score of 60% or higher where the weighted average is computed as $(15(T1 + T2 + T3 + FE - \min(T1, T2, T3, FE)) + 25*FE) / (3*15 + 25)$ In the formula; $T1$, $T2$, and $T3$ are the percentage scores on tests 1, 2, and 3 respectively; FE is the percentage score on the final exam.*

Ninety minutes will be allotted for each unit test (WED. EVENINGS: 6:30 PM). The final exam (12/6) is comprehensive and you will be allotted 2 $\frac{1}{2}$ hours. Refer to the course web-site for additional details on the common examinations, common examination dates, grading scale and additional information.

- X. **Disability Access Statement:** Students with disabilities who need accommodations should make an appointment with me to discuss specific needs within the first week of classes. Students should present a Faculty Accommodation Letter(FAL) from Student Disabilities Services when we meet. Student Disability Services is located in G-20 Redfern (www.clemson.edu/sds/). Please be aware that accommodations are not retroactive and new FAL must be presented each semester.
- XI. **Materials:** Bring your book and your graphing calculator (any model) to class every day. It is suggested that you get a three-ring binder (and a three-hole punch) for the class so that you can keep all handouts in good order.
- XII. **Blackboard:** I will post solutions to Learning Activities and Tests in your Blackboard account for this class. I will also post periodic grade estimates in the Blackboard grade book. You can access Blackboard from the main Clemson University web page for students at
<http://www.clemson.edu/students/index.html>
Course documents will be placed under the "Content" section available on the left side bar
- XIII. **MyMathLab:** Each student will work homework online through the web portal MyMathLab, available at
<http://www.coursecompass.com/>
MyMathLab installation help is available at the website:
http://www.mymathlab.com/contactus_stu.html
You will receive an installation packet with your textbook bundle. Keep this packet! It contains your registration code. You will need a course ID when registering:
Course ID: yourlastnamexxxx
- XIV. **Cell phones should be unseen and unheard during class.** You are not the exception to this rule. Students who fail to comply will be asked to leave the classroom. Please turn your phone off and store it away when you enter the classroom. It should not be left on your desk during class.
- XV. **Laptops:** Use your laptop only when asked to do so by your instructor.
- XVI. Checklist of things to do immediately
- Purchase the textbook bundle and a graphing calculator (any model).
 - Register with MyMathLab and begin HW assignments 1.1 to 1.3, due Saturday, September 3rd .
- XVII. **MyMathLab Online Homework:** 15% of your final grade. Work all assigned homework problems. Note the deadlines for completion. These are similar to the homework from the text that you should work. (Some small % of the problems will be dropped, as sometimes the grading of problems by the computer is imperfect.)

XVIII. **Academic Calendar:** Refer to the common MTWTH common calendar for dates and topics and examination days at the web-site:

https://mthsc.clemson.edu/ug/MthSc106/calendar_mtwth.html

XIX. **Academic Integrity:** The following is the official statement on “Academic Integrity.” The Provost urged it’s placement in the syllabus, cited in the Undergraduate Announcements. “As members of the Clemson University community, we have inherited Thomas Green Clemson’s vision of this institution as a “high seminary of learning.” Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form.” “When in the opinion of a faculty member, there is evidence that a student has committed an act of academic dishonesty, the faculty member shall make a formal written charge of academic dishonesty including a description of the misconduct, to the Undergraduate Dean Jan Murdoch. At the same time, the faculty member may, but is not required to, inform each involved student privately of the nature of the alleged charge.”