MATH 160-A Calculus II Spring 2013

Professor: George Ashline

Office: 261 Jeanmarie Hall, Phone: 654-2434

Class Meets: M, W, F from 8:15 to 9:20 AM in St. Edmund's 109

Office Hours: M, W, F: 2:00–3:00 PM, T: 12:30–2:00 PM; appointments available for other times.

Textbook and Course Plan: *Calculus*, Early Transcendentals, 7th edition by James Stewart, Brooks/Cole. For Calculus II, we will be focusing on Chapters 7 through 12 of this text.

eCollege, Tegrity, Clickers, Homepage: I will post course assignments, solutions, updates, and other materials at our eCollege site at http://www.smcvtonline.org/. I will regularly send out e-mail updates and archive these on eCollege. We will be using the Tegrity presentation/lecture capture system this semester. Tegrity is a technology tool provided by the College to help you in your studies. I will be recording each class, and you will be able to play back that class on your personal computer, iPad, mobile phone or other mobile device. You will be able to access the class recordings by simply clicking the Tegrity link in eCollege. Tegrity also provides excellent study tools such as Bookmarks and Notes that allow you to enter notes right into Tegrity that attach themselves right to the class recording. Plan on using Tegrity regularly to replay important points from class or review material that you may need to see again. For more information you can visit the college's Tegrity Help page at https://sites.google.com/site/tegrityatstmichaels/home. Other course materials are available through eCollege "Doc Sharing." You can access online information about this course and my other courses at http://academics.smcvt.edu/gashline.

Homework and Practice Problems: Problems are assigned each class and due the next class, and it is critical to keep up well with the homework. Homework is graded based on effort, and late homework will not receive any credit. The *Study Guide* and *Student Solution Manual* on library reserve contain chapter overviews and detailed solutions to many text problems. Furthermore, additional online practice problems for each section are available via Web Assign, and an e-mail has been sent to you with the class key so that you can self-enroll in the course.

Quizzes: Quizzes are designed to help you assess your progress with understanding recent course concepts, and they will take place on Fridays. Your lowest quiz score will not be counted toward your final grade.

Exams: There will be three in-class semester exams and a comprehensive final exam. The schedule for the exams is:

Exam 1	Friday, February 8
Exam 2	Friday, March 8
Exam 3	Wednesday, April 17
Cumulative Final Exam	Tuesday, May 7, 8:30-11 AM

If you have a significant conflict with any exam (or quiz) date, please let me know this ASAP beforehand.

Projects: There will be several group projects featuring the computer algebra system Maple and providing some hands-on experience with calculus concepts. Each group project report will consist of practice commands and exercises. You should acclimate yourself to Maple using the eCollege handout *General Information: Maple Under Windows*. You should soon find a partner with whom to work on Maple projects and in-class activities. Please e-mail me ASAP with your partner's name or if you want me to assign you a partner. The first project report of the semester is due Monday, January 21st, and an initial Maple help session is this Thursday PM in Jeanmarie 142.

Additional Support: If you have questions, be sure to address them early, and feel free to stop by my office for help. There will also be optional class/Maple help sessions offered regularly on Thursday PM. Through our campus peer tutoring office, you can seek one-on-one tutoring and take advantage of evening drop-in sessions.

Grading: Grades will be based on the homework, quizzes, projects, and four exams as follows:

Homework	70 points
Projects	60 points
Quizzes	100 points
Semester Exams	100 points
Final exam	120 points

The lowest score among the final quiz score and three semester exams will only count half (50 points). Thus, your final grade will be based on a total of 600 points. Make-up quizzes or exams will not be given, unless a verifiable emergency/serious illness has arisen, and you notify me beforehand.

Learning Disabilities: Any student having a documented learning disability that may affect the learning of mathematics is invited to consult privately with me during the first week of the semester so that appropriate arrangements can be made.

Academic Integrity: You are reminded of the academic integrity policy of Saint Michael's College. Academic integrity requires that the work you complete for this class is your own. Some examples of offenses against academic integrity include plagiarism, unauthorized assistance, interference, and interference using information technology. Details about academic integrity offenses and the possible sanctions resulting from them are provided in the Student Handbook and also can be found in the Associate Dean's office.

Class Attendance: This is taken from the Saint Michael's College Online Catalogue's "Academic Regulations":

"Students should understand that the main reason for attending college is to be guided in their learning activities by their professors. This guidance takes place primarily in the classroom and the laboratory.

The following policies have been established:

1. Members of the teaching faculty and students are expected to meet all scheduled classes unless prevented from doing so by illness or other emergencies.

2. The instructor of a course will set the attendance policy for the course.

3. The instructor may report excessive absences to the Associate Dean of the College, who may warn the student.

Advice from Previous Students:

- Stay on top of the homework, and if you feel yourself falling behind don't be afraid to ask for help.
- Do not sleep in class. Do your homework. Re do problems before quizzes and Exams
- Don't fall behind and ask for help if you need it. This course builds on things you learn so if you fall behind you need to catch up before he moves on and builds on a topic you don't understand. Do your homework! The tutors in the library are more than willing to help!
- Study for quizzes because you don't remember a lot of the material from the previous week from doing just the homework.
- Do the homework
- Write down all the notes during the class. They will be your guide to do the homework. Doing the homework is how you learn to do problems. Being able to solve problems is the way to pass tests.
- Do your home work. This is what the previous students told me, and I would say to the next class. They help you focus and keep up w/ material in class. Also don't hate your HW, because it gets you nowhere. Good HW grades can also help your grade out. Do not skip class just because you want to – it is hard to catch up. Lastly – it might just be me – but class becomes fun when you actually begin to understand the material after lots of hard work ☺
- Definitely do the homework every night. If you don't understand a homework problem definitely use the solution guide available in the library it helps! For future classes, maybe have the answers to even numbered questions available- it's frustrating not knowing if you did a problem right b/c it's not in the back.
- Get help right away and know how to do every type of problem before exams.
- I would recommend doing all the homework, because the homework is more difficult than test & quiz questions, so it will help a lot. I also recommend if you don't understand something go & see him during office hours because everything builds off of the previous material.
- Do daily HW and see the instructor if there are problems you don't understand. I like the amount of HW each night (~10 problems). It allows me to finish it all to the best of my ability and go over the problems I don't understand during class.
- Never fall behind on homework/work (in general) – it's really hard to catch up!
- Go in and see professor or a tutor the minute you start feeling lost with the material because everything builds off of each other and not knowing the basics in the beginning will snowball and be much worse in the future.
- Stay on top of homework assignments and utilize professor's generous help and flexibility.
- Make sure to take the homework questions very seriously; be sure that you completely understand them before you move on to the next one. Also, check out the student manual in the library! It helps out alot when you're studying for quizzes and exams.
- Always do your homework and pay attention in class!
- Keep up with homework
- It is easy to be successful in this course; stay on top of the homework and see the professor as soon as you have any questions.
- Pace Is the Trick!
- Do the homework it REALLY helps! Don't be afraid to ask questions.