**MATH 150A Calculus I Fall 2013**

**Professor**: George Ashline

**Office**: 261 Jeanmarie Hall, Phone: 654-2434

**Class Meets**: M, W, F: 8:15 – 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**: *Calculus*, Early Transcendentals, 7th edition by James Stewart, Brooks/Cole.
For Calculus I, we will be focusing on the end of Chapter 2 through the beginning of Chapter 7 of this text.

**eCollege, Tegrity, Clickers, Homepage**: On eCollege available via the Portal, I will archive regular class e-mail updates and post course assignments, solutions, updates, and other materials via "Doc Sharing." We will use 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 record each class, which you can play back on your personal computer, iPad, mobile phone or other mobile device. You can access 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 that attach themselves right to the class recording. Plan on using Tegrity regularly to replay important class points or review various topics. For more information, please visit the Tegrity Help page at https://sites.google.com/site/tegrityatstmichaels/home.
We may use clicker technology to enhance discussion, summarize key concepts, and provide opportunities for everyone to participate. You can access online information about this course and my other courses at http://academics.smcvt.edu/gashline.

**Homework and Web Assign 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:

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| Exam 1 | Fri, September 20 |
| Exam 2 | Fri, October 18 |
| Exam 3 | Fri, November 15 |
| Cumulative Final Exam | Fri, December 13, AM |

If you have a significant conflict with any exam (or quiz) date, please let me know 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 *General Information* eCollege handout. You should soon find a partner with whom you will 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, September 2nd, with an initial Maple help session offered this Thursday PM in Jeanmarie 142.

**Grading**: Grades are based on homework, quizzes, projects, and exams according to the following distribution:

| | |
|---|---|
| Homework | 70 points |
| Projects | 60 points |
| Quizzes | 100 points |
| Each semester exam | 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.

**Additional Support**: If you have questions, be sure to address them early, and feel free to stop by my office for help. Also, through our campus peer tutoring office, you can seek one-on-one tutoring. To review foundational topics of limits and continuity (as seen in part 2 of the Placement Test), supplemental materials are available in eCollege "Doc Sharing."

**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. Simply stated, 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 have been distributed at the beginning of the academic year and also can be found in the Assistant Dean's office.

**Class Attendance**: The following is taken from the Saint Michael's College Online Catalogue under "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 Calculus I students:

- Do your homework, don't fall asleep in class, study hard for tests, and have fun times.
- Do homework. Helps keep your grade up. Sit in front.
- Take time with our homework and study click questions for quizzes.
- DO YOUR HOMEWORK! (seriously…all of it!)
- Incoming students: "If you feel lost get Help! You do not want to fall behind!"
- To be successful in Calculus I do not miss class. Each class builds off the next so it is very easy to fall behind if you are missing class. Use e-college to advantage.
- If you need help and you don't understand something, see Professor BEFORE the quiz or exam. ☺
- My advice would be to do ALL homework assignments and don't be afraid to ask questions. The class builds on topics as you go so make sure you understand and keep up.
- Don't miss class and meet with the professor if you have any questions.
- Get more than 3-4 hours of sleep each night and do you homework every night.
- Never be afraid to ask for help, And don't wait to get help.
- Do the homework! Ask questions! (Prof. is always there to help you) Review previous quizzes before tests
- Do the homework, it will keep you from falling behind. When you need help, seek a friend, tutor, or Professor. They are very helpful.
- Do all homework and go to Professor whenever you need help. He is always willing to help!
- Meet with Professor Ashline if anything is unclear, it will benefit you so much. Do HW. Review Problems for quizzes + Exams