

## Course Information for Multivariable Analysis

Teacher: Mr. Michael Oberle  
Office: Carrel Area A  
Home: Faculty Residence #37 (near the pool)  
Phone: 329-6063 (home number – use during reasonable hours)  
E-mail: [moberle@sstx.org](mailto:moberle@sstx.org)  
Website: <http://spartans.sstx.org/~moberle/>

### Texts

*Multivariable Calculus: Early Transcendentals* (6<sup>th</sup> edition) by Stewart  
*Single Variable Calculus: Early Transcendentals* (6<sup>th</sup> edition) by Stewart (this is the text from Calculus last year)  
The books will be used primarily for background reading and homework exercises. You will not need to bring them with you to class unless you need them to discuss homework problems or I specifically mention otherwise.

### Class Materials

Everyone should bring the following materials to class every day: calculator (TI-84+ or similar), pencil, and notebook. I would recommend using a binder with loose-leaf paper to facilitate turning in and storing homework assignments throughout the year.

### Attendance

Much of this class will be spent discussing topics as a class or in small groups, so consistent, on-time attendance to class is vital. Attendance will be taken every day, and an excessive number of tardies or unexcused absences will be a detrimental factor to your overall grade in the course.

If you miss a class, it is your responsibility to make up all missed homework assignments and other activities that occurred during your absence. There will be a summary of each day's work on my web site, but you should get notes for the class from a classmate. If you have questions concerning the material you missed, please schedule an appointment to meet with me.

### Communication

I will use e-mail as my primary means of communication with you outside of the classroom. I will check my e-mail several times each day, so feel free to e-mail me with any questions or concerns. I will post all homework assignments and handouts on my website. If you or your parents need to leave a phone message for me at any time, please use my home phone; I check it much more frequently than my school voice mail.

### Conferences

My primary goal as your teacher is to help you develop a strong understanding of Multivariable Analysis. If you find that you are having difficulties with a particular concept, please ask me for help! I live on campus, so I can schedule conferences during the school day, during evening study hall, or any other time that is convenient for both of us.

### Homework Policy

Homework will be assigned almost every day, collected, and graded for accuracy and/or completeness. There will be an opportunity to ask questions and make corrections before turning in an assignment. Late homework assignments will be penalized, and an excessive number of late assignments will be a detrimental factor to your overall grade in the course. Unless otherwise stated, homework assignments are **collaborative** and **sourced**, as defined in the Math Academic Policy Statement. If you use a source other than your textbook, please cite it on your homework.

### Grading

The primary components to your grade in this course are: quizzes, tests, and homework. Tests and/or quizzes (which count as a fraction of a test) will be given approximately every 2-3 weeks, and the homework average for each term will also be counted as a test. In the fall and spring, the marking period grade will be combined with a cumulative final exam to determine your final grade for the course. (Be sure to keep all your tests, quizzes, and assignments so you can prepare for the exams!)