



LEFT — THE TYGER

## Math 12-23 Calculus for Business and Social Science

Spring 2016  
Course #40265

**TEXT:** Bittinger, Calculus and its Applications, 10<sup>th</sup> ed.

**INSTRUCTOR:** Andrew Phelps

**CLASS HOURS & LOCATION:**

Lecture: **TuTh 1:30PM to 3:45PM** Location: **Room S-54**



My class e-mail address for Math 12 is: **math\_anxiety@yahoo.com**



The URL of the Course Web Site is:

**<http://batstar.net/tyger>**

24 HOUR VOICE MAIL: NOT OPERATIVE. IF YOU CAN'T COME TO CLASS, SEND AN EMAIL.  
YOU MAY USE THE DROP BOX IN FRONT OF ADMIN 111 FOR HARDCOPY

**Calculator.** You need a *graphing utility*, specifically, the **TI-83 PLUS** or the **TI-84** are recommended.

**The Course.** Introduction to limits, differentiation, and integration of single variable functions.

Differentiation of multivariate functions. Applications in business, economics, and social science.

**Homework.** Homework (*not to be handed in*) is assigned daily, and available on the Course Web Site.

*Doing the homework is key to learning the material. The best thing is to do everything that is assigned, and more* You may be responsible for occasional *Homework Quizzes* which are quizzes testing you on 1-2 current homework problems. There will be two (2) homework sets drawn from the assigned problems, that are handed in and (selectively) graded

**Exams.** There will be four (4) exams plus the final exam. Because the class period is more than two hours long, it is necessary to have a lecture period the same day as an exam. **Note:** Attendance will be taken for the *lecture period*

**Grading.** The grades will be based on a “raw score” of between **0** and **100**. These will be “curved” by giving students with similar raw scores the same grade. **Note:** This does *not* necessarily mean that “90=‘A’.” Instead, the grade depends on the raw score distribution

*raw score contributions*

unit(s)	points
2 HW Sets @ 4%	8
Spot Quizzes	2
Quiz	4
4 Exams @12%	48
Final Exam	32
Subjective	6

**Subjective Grade.** Based on constructive class participation. **3** is the *default* grade. Personal attacks on the instructor or other students will warrant an automatic **0**

**Attendance.** Missing the first day, or twice during the first week, is grounds for drop. Missing class more than two (2) times after the first week of class, without adequate explanation, will be considered grounds for grade reduction/failure. Persistent attendance failure [HERE](#) will also cause difficulty.

If you *need* to miss class, send me an e-mail message at [math\\_anxiety@yahoo.com](mailto:math_anxiety@yahoo.com).

I take missing class very seriously.

- *Tardiness and leaving class early* w/o permission may count as **1/2** a missed class
- *Stepping Out* of class is restricted. One student at a time may step out; a list will be kept.
- *Cellphones* and *iPods* are not permitted in class. Going outside to answer the cellphone is forbidden. In emergencies, the student should explain the incident to the class. Please keep your cellphone turned off.
- *Use of cellphone (even as a calculator) during an exam constitutes grounds for reduction of credit*
- *Civility* is considered very important
- *Discipline* in class also matters. Students should avoid persistent complaints that we “go too fast” or “don’t go fast enough,” or the like. Differences should not be worked out on *class time*

**Plagiarism.** You are expected to do your own work. The *appearance* of cheating is grounds for failing a test/assignment or the course itself, at the discretion of the instructor. Be careful!

**Expectations.** Students who need to do well to meet a *transfer requirement* ought to have a plan that confronts their personal challenges adequately: If you have doubts about your situation, consult with the instructor. Students involved with high school need to know that their families can’t be involved *in any way*.

**Disclaimer.** This policy may be adjusted at the discretion of the instructor. In this case an effort will be made to provide timely notification