

Emerging Scholars Program (ESP), Fall 2006

Calculus Workshop - M408D

General Information

Discussion Section: M210E, Unique # 59723, TTh 3:30–5pm GEA 127

Assistant Instructor: Eric Katerman
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Office: RLM 11.108, 475-9178
Office hours: By appointment.
Website: www.ma.utexas.edu/users/katerman/

Student Assistants: Domingo Martinez: gloomy-sunday@mail.utexas.edu
Brad Stein: brad.stein@gmail.com

Lecture: MWF 11–12, CPE 2.206
Professor: Dr. Durbin

Description

The main purpose of the Emerging Scholars Workshop is to help you excel in Calculus, M408D and provide you with a broad understanding and appreciation for mathematics! This is accomplished mainly through working on hard problems with your peers and building a social network of study support. This is how you build the skills and confidence necessary to excel in calculus. The class structure is a small one, so we will all get to know one another and provide each other with the help needed to complete the daily worksheets. On the average day in an ESP discussion section, the class will work in groups on a worksheet. These worksheets will, in general, not be collected. They are for you to work on challenging calculus and non-calculus mathematics problems. However, from time to time, students may be asked to write up solutions to the worksheets.

Homework

In lecture you will be assigned homework problems. These will not generally be addressed during the discussion section. They are for you to work on outside of class. If extra assistance is needed for those problems, a great resource is either my office hours, Dr. Durbin's office hours, or the ESP Study room.

Attendance

Attendance in the ESP discussion section is mandatory. Attending the sections (and working hard on the provided problems) is the only way that the sections can have a positive effect

on your performance in calculus. And, since you will be working in groups most days, your attendance will be needed by your classmates. If you are unable to attend a class due to a *serious* conflict, we would like to be notified prior to class. Excess absences will not be tolerated. Everyone must not miss more than **three** discussion sections during the semester. We will strive for a friendly and relaxed atmosphere, but this can only happen with your daily attendance.

Write-ups

When do you miss a section, it's important that you stay current with what we did in class. With that in mind, you must get the worksheet from the class website and write up and turn in one problem from that worksheet. This is due within **one week** of the class you missed.

Reviews

There will be **four midterm exams** in Dr. Durbin's class. Before each exam a group of students will be required to write up and present a review for the class. We will decide early on in the semester who is to do what review. The ability to construct an effective review is a valuable skill to have for college. Every ESP student is **required** to be a part of at least one review team.

Additional Remarks

You do not need to bring your heavy textbooks to our discussion section. I will always bring my book in case an emergency "look up" is needed. Calculators will occasionally be used in class. Most problems will not require them, and you should get used to working without them. However, there will be some problems where it is a useful tool, and I'll let you know when it's okay to use them.

ESP is taken on a credit/no credit basis

In order to get credit for the ESP discussion section you must:

- attend,
- participate in class,
- if asked, write up solutions to worksheet problems,
- be on a review team, and
- possibly complete a project.

ESP is an exciting program, and you should feel privileged to be a part of it. ESP should be challenging, fun, and engaging, and if it is not, please let me or one of the student assistants know so we may make the appropriate changes.