Course Syllabus

Instructor: Prof. T.B. Pedersen  E-Mail: pederstb@piercecollege.edu
Course: Math 261 – Calculus I  Website: http://faculty.piercecollege.edu/pederst/
Pre-Requisites: Math 260 … Pre-Calculus … and everything leading to this point …
Book: Calculus: Early Transcendentals, 7th Ed, James Stewart (with WEBASSIGN) (Required)
       Solution Manual (Optional…but HIGHLY recommended?)
Meeting Time: Mon & Wed (4:10 PM – 6:40 PM); February 9 – June 1

This course is the subsequent course to Math 260 and is an introductory course on Calculus. We will focus / cover the following chapters / topics:

1. Limits and Derivatives (Chp. 2)
2. Differentiation Rules (Chp. 3)
3. Applications of Differentiation (Chp. 4)
4. Integrals (Chp. 5)
5. Integrals (Applications, Chp. 6)

Your grade will be computed as follows:

Chapter Tests  50%  (5 exams, drop lowest, each count 12.5%)
Homework (Webassign)  20%  (graded online for correctness)
Final Exam  30%  (Common Final ... June 5, 1:30 PM - 3:30 PM)

Grading Scale:

A = 88%  B = 77%  C = 67%  D = 57%

➢ There will be NO make-ups of any missed exams. You must be here to take each exam…NO EXCEPTIONS!!!  All exams will be given at the beginning of the meeting and will last approximately 60 - 75 minutes. We will cover materials after the test, so there’s NO TEST & GO!
➢ I will drop your lowest test score (only one)…not including the Final Exam.
➢ There will be NO multiple choice questions on any exam, except perhaps on the Final Exam. Each question will require a worked out solution.
➢ Calculators will NOT be allowed on any exam, including the Final Exam.
➢ It is your responsibility to drop the class by the deadline. I will not drop you on your behalf. Just because you stop attending, doesn’t mean that you’re automatically dropped. …Click here for important semester dates...
➢ If you are caught cheating (notes up your sleeve, using calculator when not allowed, etc), you will receive a DOUBLE FAIL…a zero on two tests…and you will be reported to the Math Department Chair and to the VP of Student Services for disciplinary action. (see the following link for more information)
http://www.piercecollege.com/faculty/martinrm/CheatingBlurb.htm
➢ If you have problems with any topics in the course, please don’t hesitate to ask questions. If you need more one-on-one direct help, then I direct you to the Center for Academic Success. Please call (818) 719-6414 for more information.
➢ My office hours will be from 6:30 PM to 7:00 PM before class on Monday and Wednesday…the days that the class meets.
➢ The SLO’s (Student Learning Outcomes) are listed here.
➢ For Math 261…Model and solve an applied problem by formulating a definite integral and evaluating the integral using an appropriate algebraic technique (e.g. substitution, integration by parts) or using numerical techniques (e.g. Simpson’s Rule or Taylor polynomials).
I will assign problems using WEBASSIGN for homework, **which are due on the day of the test for that chapter**. You’ll need to register on WEBASSIGN.COM and use the following class key to enroll in the class: **pierce.ctc 3415 7031**. Make sure that you enter in an email, which you actually check frequently, so that I can email you any class information should the need arise.

The problems will be graded on correctness, so take your time when you’re working them out. If you have problems with the material then let me know, and we can go over some problems in class. Please feel free to ask questions, but understand that we have a good amount of material to get through each meeting so spending 1 hour on homework questions is too much.

Good luck on a successful semester…😊…