MATH 137 – 38821   Calculus II   Fall 2011

4 credit hours   MWF 10:20 – 11:15 (Lecture)   COHH 3123
T R 9:35 – 10:30 (Recitation)

Prerequisite MATH 136, with a grade of C or better.

Professor Dr. David K. Neal   COHH 4136   745-6213   david.neal@wku.edu
http://people.wku.edu/david.neal/137/indexa.php

Office Hrs MW 12:30 – 1:20; TR 11:45 – 12:45; or by appointment.

Course Description **MATH 137** is the second course in one-variable calculus including topics from analytic geometry. Topics include various methods of integration, sequences and series, polar and parametric functions. The course design includes lecture and recitation.

Text The official text is *Single Variable Calculus* by Jon Rogawski. Students may use this text as a reference and to obtain further examples and explanation of the material. However there will be no homework assignments from the text. Instead, students will receive a worksheet each day on the material covered in lecture. These worksheets can then be discussed during recitation sections.

Tests Each test will be based on class lectures and the distributed worksheets. Details of the tests will be outlined about a week and a half in advance of the tests, and another comprehensive review worksheet will be provided. The tests will be closed book, generally with no formula sheets allowed, no calculators and no computers allowed. Under no circumstances will students be allowed to use a TI-89 or any symbolic calculation software.

Tentative Test Dates

Test 1: Thurs Sep 15   **Test 2:** Tues Oct 4   **Test 3:** Thurs Oct 20

Test 4: Thurs Nov 10   **Test 5:** Tues Nov 22

Final Exam: Tuesday December 13   10:30 – 12:30

On test days, the classroom is a testing zone. Do not bring any open notes into the classroom. If you do so, then you will be asked to leave and you will not be given a test. Do not at any time look at or use your cell phone in the classroom. If you do so, then you will be asked to leave and your test will not be graded.

Attendance Policy

Registration in this course obligates you to be regular and punctual in class attendance. However you may attend or not attend, as you desire. If you attend class, then please be attentive and respectful. If you ever choose not to attend class, then you should not expect to receive a passing grade.

Make-Up Policy

Students are expected to take all tests in class when they are scheduled. I am unable to accommodate requests to re-schedule exams for students who miss class to go do other activities. But if you must miss an exam due to a documented medical cause or tragedy, such as a heart attack, stroke, burst appendix, seizure, coma, broken femur, childbirth, earthquake, tornado, tsunami, car wreck, kidnapping, etc., then I may consider giving you a make-up.

Grading Policy

In order to receive a passing grade for this class, you must demonstrate that you have learned the material and that you have learned it well. For students who attend each class, grades will be weighted as follows:

The five tests and the Final Exam each will count as 1/6 of the final grade.

A: Average $\geq 95\%$ **B**: $87.5\% \leq \text{Avg} < 95\%$ **C**: $80\% \leq \text{Avg} < 87.5\%$ **F**: $\text{Avg} < 80\%$

At my discretion, there may be a slight curve to this grading scale.

Withdrawal Date

October 19, 2011 is the *last* day to withdraw from the course with a grade of W or to change enrollment from credit to audit. But you may withdraw from the class any time you like before this date.

Disability Services

Students with disabilities who require accommodations, academic adjustments, and/or auxiliary aids or services for this course must contact the Office for Student Disability Services in DUC A-200. The OFSDS telephone number is 745-5004 (or 745-3030 TTY). Please do not request accommodations directly from the professor without a letter of accommodation from the Office for Student Disability Services.