Math 1830-004: Elementary Calculus   **Fall 2015**

Class: TR 8.00am – 9.25am   **Room: DH 351**

Course Description: Introduction to concepts and methods of elementary calculus of one real variable as related to rational, exponential, and logarithmic functions; nature of derivatives; differentiation; application of derivative; nature of integration: definite integral; applications of definite integral.

NOTE: only one of MATH 1830 or 1910 may be used to satisfy degree requirements.

Prerequisites: At least one of the following criteria must be met to enroll in Math 1830:

- MATH 1710 with a minimum grade of C
- MATH 1730 with a minimum grade of C
- A score of 50 or better on the Math Placement

If you have not satisfied the prerequisite, you will be **Academically Dropped** from this class.

Instructor: Sutthirut Charoenphon (B)

Office: DH 312

Office Hours: TR: 9.30am – 10.30am or by appointment

Email: schrnphn@memphis.edu

Textbook: Calculus and Its Applications- U of M Custom Edition with **MyMathLab**

Required: The textbook is required and will come with **MyMathlab** code that will allow the student to do the on-line homework assignments.

Course ID: charoenphon95764

Graphing calculator (TI 83 Plus or TI 84 Plus or Silver Edition) for classroom use. TI-89s and TI-92s are prohibited. Cell phones may not be used as calculators.

Attendance: Attendance in this course is crucial to your success and will be recorded each day. Therefore, your attendance and punctuality are expected. If you miss a class, you are responsible for finding out what topics were covered and for completing any missed work.

      Students who cease attending class are expected to report to the Office of the Registrar to initiate withdrawal procedures. Withdrawal deadlines are published each term in the Registration Guide.

      Excessive absenteeism may result in the instructor's dismissing the student from the class and recording a failing grade, unless the student officially withdraws from the class before the withdrawal deadline. If the student withdraws from the university after the end of the official withdrawal period, excessive absenteeism may be one of the considerations in the instructor's deciding whether circumstances

justify a "W" or an "F" in the course. ***At the discretion of the instructor, class participation and attendance will factor into the final grade calculation for borderline students.***

Methods: This course is taught using MYMATHLAB for homework assignments.

Homework: 10 Homework Assignments.

Homework will be assigned from each section covered. **Homework MUST be completed by the announced date.** You will be given ample time to complete the assignments; therefore, **no extension** will be granted for any reason. So, please do not wait until the night before to begin the homework.

Tests: 4 tests and Final Exam

Final Exam: A comprehensive final exam will be given and is **Mandatory**.

Make-up Policy: There is no make-up allowed on tests. If a test is missed, it will be the dropped exam score (See Above). There is no allowance for more than one missed exam. The only exception to this is if a student misses an exam for a school-sponsored event. In which case, the student must take the exam **Before** the missed date.

Course Grade:

A weighted average for this course will be calculated using the following scale.

Homework 50%
Tests 50% (100 each)
The lowest test will replaced by the Final Exams (if better).
Total 100%

Letter grades will be assigned from the weighted average using the following grading scale.

A+ 96 % – 100 %
A 91 % – 95 %
A- 86 % – 90 %
B+ 81 % – 85 %
B 76 % – 80 %
B- 71 % – 75 %
C+ 66 % – 70 %
C 61 % – 65 %
C- 56 % – 60 %
D+ 51 % – 55 %
D 41 % – 50 %
F 40 % and below

Academic Dishonesty: Cheating of any fashion will not be tolerated in this course. Any student caught cheating will receive a zero for that assignment, and any other actions deemed necessary by the department or university will be taken. It is the responsibility of the student to read the statement on academic dishonesty in the U of M Handbook.

Students with Disabilities: Any student with a document disability with the SDS office is encouraged to speak with me early in the semester so any necessary accommodations can be made. You must have the documentation provided by the SDS office.

Important dates:

Sunday, Sep 6, 2015: The last day to drop this course; No grade(s) assigned; course(s) will not appear on your transcript.

Friday, October 16, 2015: The last day to drop this course; "W" grade(s) assigned and course(s) will appear on your transcript.

The following is a rough schedule for the course. Any deviations will be announced in class.

August	25	Introduction, Chapter R	October	20	3.2
	27	1.1, 1.2		22	3.3
September	1	1.3, 1.4		27	3.4
	3	1.5, 1.6		29	3.6
	8	1.7, 1.8	November	3	**Review**
	10	**Review**		5	**Test 3**
	15	**Test 1**		10	4.1
	17	2.1		12	4.2
	22	2.2		17	4.3, 4.4
	24	2.3		19	**Review**
	29	2.4		24	**Test 4**
October	1	2.5		26	Thanksgiving Holiday
	6	**Review**	December	1	**Final Review**
	8	**Test 2**		**8**	**Final Exam**
	13	Fall Break			**8.00am-10.00am**
	15	3.1			**DH 351**

Tutoring: **Math Learning Center (MLC):** DH 143

MTWR   8:00AM—7:00pm
Friday   8:00AM—2:00pm

Free on-line tutoring: www.memphis.edu/onlinetutoring

Tutoring is **free**. Tutoring for Math and Statistics provided by math graduate students and upper level undergraduate students. Please take your laptop with you, or print out your problems, if you intend to ask them questions regarding the MyMathLab assignments.

Some Ground Rules:
1. Be respectful of the instructor and other students. Do not try to talk over me or somebody else.
2. Please turn off all cell phones. If your cell phone rings, please turn it off, or go to the hallway if it an emergency.
3. No food is allowed in the classrooms; however, drinks with a top are fine.
4. No cell phone calculators or laptop calculators are allowed.
5. A valid student ID is required. It will be needed on exam day.

I reserve the right to make changes to this syllabus at any time. Changes to the syllabus will be announced in class.