**Math 141 Calculus I**

**Syllabus Summer 2014**

Time: MTWTF 8:00-9:00 Location: Ayres 124

Instructor: Kai Kang

Office/Phone: Ayres 247

Office Hours: TBA

Email: kkang2@vols.utk.edu

**Course Description:** Standard first-year course in single variable calculus, especially for students of science, engineering, mathematics, and computer science. Differential calculus with applications is covered.

Prereq: Satisfactory placement test scores, or 130. ***(QR)***

**Text:** Calculus, Early Transcendentals (ET), 2nd Edition, by Rogawski, Published by W.H. Freeman. ISBN-13: 978-1-4292-0838-3 and ISBN-10: 1-4292-0838-4. This book as well as its WebAssign supplement is required.

**Calculator:** Graphing calculators will be allowed on some quizzes and not others. You should bring your calculator on days we have quizzes just in case. Tests will have a graphing calculator part and a non-calculator part. I will not show you how to use your calculator during any test/quiz. Use of cell phones or calculators with advanced alpha-numeric or internet capabilities (such as the TI-89) is forbidden in this course.

**Grading and Expectations:** Individual exam scores are determined by student’s demonstrating the concepts and processes of differential calculus to solve problems. Strong algebraic, geometric, and trigonometric skills are necessary for success. A commitment from the student with full attendance, extensive preparation, and exceptional effort is needed for success in this class. Grades will be determined using the grading scale below.



**Grading Scale:**

4 Tests 60%

Homework 10%

Quizzes 10%

Final Exam 20%\_\_\_\_\_\_\_

Total possible 100%

**Final Exam:** The final exam is comprehensive. Date: TBA.

**All students are required to take the final exam.** You may only move the final if you have 3 or more finals on the same day.

**Attendance & Make-up Policy:** Attendance is mandatory and will be taken every class meeting. If you miss a test/quiz for any reason, you should contact me via email within 24 hours after the assignment. I will reply shortly after your email with instructions on when and where to make it up (usually the next day). Failure to read my email in a timely manner will NOT be an acceptable excuse for you not making up the assignment**.** You may also be made to go through the Dean of the Office of Students in order to be allowed to make up the assignment. **Once I pass the assignment back or post its key, I will not allow a make-up for any reason!** Homework will be posted on WebAssign. I will email you every time a set is posted. Contact me if you want an extension on a homework assignment, but realize I am not required to grant it. I do not drop any tests, and I drop 1 quiz and 2 homeworks.

**Disability Services:** If you need course adaptations or accommodations because of a documented disability or if you have emergency information to share, please contact the Office of Disability Services at 2227 Dunford Hall at 974-6087. Do not wait until your grade is in jeopardy to take care of this, do it immediately.

**Math Tutorial Center:** The Math Tutorial Center provides **free tutoring**. Hours of operation are posted at http://www.math.utk.edu/MTC/. Please make use of this free service. I highly recommend you do your homework everyday either during my office hours or in the MTC!

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| **Important Dates:** |  |
| Add/drop without W deadline |  |
| Drop with W deadline |  |
| Final Exam |  |

\*\*\*I do NOT cancel class the day before Spring break or Spring Recess\*\*\*

**Classroom Etiquette:** Please be considerate of the instructor and those around you. Come to class on time and stay the entire period. Turn off and put away cell phones and iPods during class. Do not talk to classmates at inappropriate times. Refrain from reading newspapers, working on other coursework, or TEXTING during class.

**Academic Standards of Conduct:**

Familiarize yourself with the University’s expectations for academic honesty as described in "***Hilltopics***". Violations of these policies may result in suspension from the class, zero points for the assignment, or an F in the course. Additionally, the matter may be referred to the administration for further action; this may result in exclusion from the University.

**The Honor Statement**

*An essential feature of the University of Tennessee is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the University, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity.*

**Tentative Schedule**

Test dates and the material covered on each test are subject to change. If I change them, I will announce it at least a week in advance in class. Section 4.8 will be covered after Test 4 and will be on the final.

**Test 1:**

* Covers 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, and 2.9

**Test 2:**

* 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, and 3.6

**Test 3:**

* 3.7, 3.8, 3.9, 3.10, 3.11, 11.1, and 11.3

**Test 4:**

* Covers 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7