Math 152-01: Calculus II

MTThF 8:15 – 9:05 AM; DA 113 Spring 2015

Contact Information:
Instructor: Professor C. Crawford
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Office Hours:
Monday 9:30 AM – 10:30 AM
Tuesday 1:00 PM – 2:00 PM
Thursday 1:00 PM – 2:30 PM
By appointment

Course Description:
This the second course in calculus. Topics include transcendental functions, techniques of integration, infinite sequences and series, and parametric equations and polar coordinates. ***Prerequisite*:** Math 151 Calculus I, or equivalent, **with a grade of C or better**.

Instructional Materials:
Required Text: *Calculus 7th Edition* by James Stewart. We will be covering chapters 6,7,10, & 11. Selected sections of chapters 8 and 9 will also be presented.

Calculator: You will need a calculator with trigonometric, logarithmic, and exponential functions. A graphing calculator such as one of the TI-8x or –9x series is recommended. Calculators are **not** allowed on quizzes or exams.

Grading

Quizzes/(Labs & Projects)	**100 pts**	*Tentative Dates*: 2/10, 2/24, 3/17, 4/14, 4/28
Homework Checks/(Lecture Questions)	**50 pts**	*Tentative Dates*: 2/17, 3/10, 3/31, 4/21, 5/12
3 Exams (100 pts each)	**300 pts**	***Tentative Dates*: 3/3, 4/7, 5/5**
Final Exam	**200 pts**	Tuesday 5/19 at 8:00-10:00 AM
	650 pts	

Your final letter grade for the course will be based on the percentage of total points earned*. Excessive and consistent disruptions (e.g. tardiness, leaving class for drinks or the restroom, cell phones, etc.) may result in lowering your grade up to one full letter grade. ***All cell phones must be turned completely off and put away*.** *Having a cell phone out during an exam or quiz will result in an automatic 0 grade for the exam or quiz.*

EXAMS: Three exams are ***tentatively*** scheduled for **March 3, April 7,** and **May 5.** You must take all exams in class on the announced dates (subject to change at my discretion). **No make-up exams will be allowed**. See below for the replacement policy.

FINAL EXAM: The cumulative final exam will be on **Tuesday, May 19 from 8:00 - 10:00 AM.**

EXAM REPLACEMENT POLICY: If you take all of the course exams as scheduled then the lowest score will be replaced by your final exam percentage, if this is to your benefit. *You will not be allowed to take an exam early or late for any reason*. If you miss any exam(s), your final percentage will serve as the score for the missed exam(s). Only the missed exam score(s) will be replaced.

QUIZZES: **Five** quizzes are ***tentatively*** scheduled for the following **Tuesdays**: **February 10, February 24, March 17, April 14, and April 28.** Quizzes will be given during the first 15-20 minutes of class. *You will not be allowed to take a quiz early or late for any reason*. A score of zero will be recorded for each missed quiz. Your **two** lowest quiz scores will be dropped. The total points of your remaining quizzes (along with any labs, projects, and graded homework/worksheets – see below) will be scaled to 100 points.

* Note: For those of you planning to take Calculus III, there is a **prerequisite** of a C or higher grade in Calculus II.

LABS AND PROJECTS: Occasionally I may assign a lab or a project that will typically be done outside of class. Each lab or project will count as one quiz, however y*ou will not be allowed to drop a lab or project grade*.

HOMEWORK and IN-CLASS WORKSHEETS: Although homework problems will be assigned everyday, I will not be collecting it daily. Some of it will be collected as part of the Homework Checks (see below) so you should keep your homework separate from the notebook for your class notes. Your homework paper should have clean edges and be stapled – do not fold corners. You will often work on in-class worksheets that I also do not normally collect. However, I reserve the right to collect either – you will be given advance notice. Homework and/or worksheets scores will be considered either as additional quizzes or homework checks**.** *Late homework will not be accepted.*

HOMEWORK CHECKS: **Five** Homework Checks are ***tentatively*** scheduled for **February 17, March 10, March 31, April 21, and May 12**. The dates may change or additional homework checks may be given – you will be given advance notice. Homework Checks occur at the end of class and consist of 3 to 7 problems from the previous homework assignments. If you have all of the problems completed, you will circle them in your homework, turn it in, and you may leave. If you do not have the problems completed, you will be given a limited amount of time to do them. Textbooks, notes and calculators will typically not be allowed, but you may use the other homework to be turned in. The problems will be graded for accuracy and supporting work – usually no credit is given for answers only. The remaining ungraded problems may be observed to assess effort. You will not be allowed to do Homework Checks late for any reason. If you know that you will miss a scheduled Homework Check, then you may turn in all relevant homework ***before class*** – either in person, under my door, or via email. A zero will be recorded for each missed Homework Check. For every 3 Homework Checks (and worksheets graded as Homework Checks), I will drop 1.

LECTURE QUESTIONS: You will be given several Lecture Questions/Worksheets during the semester. Some of them will be handed out at the end of class and due the next day at the beginning of class. They are typically brief questions that pertain to a previous lecture or will prepare you for the next day's lecture. They will be worth 5 points each. For every 3 that are graded, I will drop 1. *Late Lecture Questions will not be accepted.*

The remainder of your Homework Check and Lecture Question scores will be scaled to 50 points.

Note to Future Teachers:
A link to the **Illinois Secondary Education Mathematics Content-Area Standards** for this course can be found at http://www.elmhurst.edu/~mth.

Policies and Academic Integrity:
You are expected to adhere to the College Academic Integrity Policy as stated in the *E-Book* as it applies to this class.

- Test and quizzes, whether take-home or in-class are to be your own work unless otherwise stated. You may ask questions of me any time during an exam or quiz.
- Calculators and notes are not allowed on quizzes and tests unless otherwise stated. If calculators are allowed, you may not store any notes or unauthorized programs on the calculator.
- **You may work with others on your homework and are *encouraged* to do so**. But you must turn in your own homework unless specifically stated as group work requiring one submission.
- Individual projects should reflect your own work. However, feel free to obtain input, feedback, etc, from me and other students. Group projects should reflect quality contributions by all group members.
- Please feel free to ask questions of me for all work, especially if something is unclear.

Accommodations:
The College will make reasonable accommodations for persons with documented disabilities. A student with a disability that may have some impact on work in this course should contact Dr. Corinne Smith, Disabilities Service Coordinator at 630-617-6448 and ***then contact me*****.**