

# Math 400 - Calculus I - 10036

## Summer 2013 - American River College

### Course Information

Instructor: Kristin Lui

Email: [luik@arc.losrios.edu](mailto:luik@arc.losrios.edu)

Office hours: Howard Hall 163 (Adjunct Office)

Wednesdays, 10:10 am – 10:40 am

Or by appointment

Location: Portable 606

Meet Times: MTWTH, 7:30 am – 10:05 am

Dates: June 17, 2013 – August 8, 2013

### Course Materials

- Required textbook: Calculus – Early Transcendentals by Briggs and Cochran, 1<sup>st</sup> Edition
- A graphing calculator is highly recommended such as a TI – 83 or above.
- MyMathLab is *optional*. The course ID is lui85516.

### Online Resources

- Kristin's Personal Website  
<http://ic.arc.losrios.edu/~luik>
- Desire 2 Learn (Los Rios' official online management system)  
<http://d2L.losrios.edu>
- MyMathLab  
<http://www.mymathlab.com>

### Learning Outcomes

Upon completing this course, a student will be able to:

- Evaluate limits graphically and analytically
- Compute derivatives using the definition of derivative
- Apply differentiation rules to various types of functions
- Recognize and solve application problems that require use of derivatives
- Apply anti-differentiation rules to various types of functions
- Compute definite integrals using the Fundamental Theorem of Calculus
- Recognize and solve application problems that require use of anti-derivatives

### Proof of Prerequisite

Students must have taken MATH 370 with a grade of "C" or better. By June 20, 2013 (third class meeting), you must provide proof of satisfying the prerequisite or you will be dropped from the class.

- LRCCD transcript
- Prerequisite/placement slip from an ARC counselor
- COMPASS exam

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### Grades

Course grades will be determined by the following:

Quizzes	15%
Homework	10%
Exams	50%
Final Exam	25%

Letter grades will be assigned by the scale below:

A	90% or above
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	59% or below

### **Exams**

There will be four 1-hour exams during the semester. Exams must be taken in class. Calculators, books, and notes are **NOT** allowed during exams. There are no make-up exams. You have the option of replacing your lowest exam score with your final score.

### **Quizzes**

Ten (10) quizzes will be given during class meetings. Calculators, books, and notes are **NOT** allowed during quizzes. There are no make-up quizzes. Two of the lowest quiz scores will be dropped.

### **Homework**

Ten (10) homework assignments will be posted in class and online. I will drop two of the lowest homework scores.

### **Final Exam**

The final exam is mandatory and cumulative. The final will be given on the last day of class: **August 8, 2013**. No make-ups!

### **Important Dates**

#### Tentative Dates for Exams:

- Exam 1          June 27
- Exam 2          July 15
- Exam 3          July 24
- Exam 4          August 5
- Final Exam    August 8

#### NO CLASS

- July 4 (Independence Day)

#### Last day to:

- enroll                          June 30
- drop with refunds          June 21
- drop without a W          June 21
- drop with a W                July 25

### **Attendance**

Consecutive, unexcused absences (2 or more) may result in the student being dropped from the course. Please notify me of any absences in advance either by email or in-person during class (email is best).

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### **Special Needs**

If you require special needs (health or disability related issues), please contact me to discuss a plan for meeting those needs. If you are in DSP&S and wish to use their testing services, please provide me with the appropriate form.

### **Disruptions**

Please turn your cell phone to vibrate or silent. Do not answer your cell phone or text during class. Do not talk during class. If you are too disruptive in class (excessive talking, repeatedly leaving the class to answer your phone, etc.), I may ask you to leave the class.

### **Ethical Conduct**

Cheating will not be tolerated. Any student caught cheating on any exam or quiz will receive 0 points for that test and possibly a grade of F for the course. I will also report any cheating to the appropriate authorities on campus. The following constitute cheating:

- Exchanging (giving or receiving) information with another person during a quiz or exam
- Using aids/notes/digital devices not permitted during a quiz or exam
- Using false excuses to obtain extensions of time or special privileges
- Copying work from another person, an answer key, or solution manual and turning it in as your own.
- Helping someone else cheat.
- Breaking any other states rules for a given quiz or exam.

### **Disclaimer**

The instructor reserves the right to alter this syllabus to conform to Los Rios Community College District Policies, state law, or to improve the quality of education offered by the class. Any changes will be announced in class.