

# **Math 120 -Intermediate Algebra - 11830**

**Fall 2013 - American River College**

## **Course Information**

Instructor: Kristin Lui

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

Office hours: Natomas Center

5:20pm – 5:50pm,

Or by appointment

Location: C223 – Inderkum High School

Meet Times: MW 6:00 pm – 8:20 pm

Dates: Aug. 26, 2013 – Dec. 11, 2013

## **Course Materials**

- Required textbook: Intermediate Algebra for College Students by Kolman, 6<sup>th</sup> Edition
- A graphing calculator is highly recommended such as a TI – 83 or above.

## **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>

## **Learning Outcomes**

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

- Recognize and solve various types of equations, inequalities and systems of equations, and related applications.
- Factor a variety of polynomials.
- Collect like terms in simplifying polynomial, rational, exponential, and logarithmic expressions.
- Sketch graphs of lines and conics.
- Associate equations and information from tables or charts with their corresponding graphs.
- Recognize and explain the concept of a mathematical function/relation and use functional notation appropriately to formulate solutions.
- Compare and contrast the concept of a mathematical function and inverse functions.
- Explain what a logarithm is and solve logarithmic equations and applications.
- Analyze and solve applications related to linear, rational, and radical equations.

## **Proof of Prerequisite**

Students must have taken MATH 100 with a grade of "C" or better. By September 4, 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. Late homework will be accepted only one class meeting after the due date for 70% credit.

### **Final Exam**

The final exam is mandatory and cumulative. The final will be given on **Wednesday, December 18, 2013** from **5:45 pm - 7:45 pm.**  
No make-ups!

### **Important Dates**

#### Tentative Dates for Exams:

- Exam 1            September 16
- Exam 2            October 9
- Exam 3            November 6
- Exam 4            December 4
- Final Exam       December 18

#### NO CLASS

- September 2 (Labor Day)
- November 11 (Veterans Day)

#### Last day to:

- enroll                                September 8
- drop with refunds                September 6
- drop without a W                September 8
- drop with a W                      November 19

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### **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).

### **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.