

California Lutheran University

Bachelor's Degree for Professionals

Math 110 Intermediate Algebra

Fall 2015, August 31 to November 16

Room SW 120

Instructor information:

Katelyn White

Email: krwhite@callutheran.edu

Office Hours: Monday/Wednesday 8:30pm to 9:30pm or by appointment.

Course Information:

Lecture: Monday/Wednesday 6:00 - 8:15pm

Room: SW 120

Units: 4

Textbook: Intermediate Algebra with Applications by McKeague,

ISBN: 1936368064

Important Dates:

Last day to add or drop without a "W" and full tuition reimbursement September 14th

Test 1 September 16th

Last day to drop without academic penalty

or remove incompletes from spring..... October 12th

Test 2 October 7th

Test 3 November 11th

Course Description:

This course covers equations and inequalities, polynomials, rational and radical expressions, exponents, graphing linear equations and inequalities, linear systems, exponential and logarithmic functions, and places extensive emphasis on word problems. This course is appropriate for students with Math SAT 500 or below.

Course Objectives:

Through this course, students will be able to:

- Improve their algebraic and trigonometric skills
- Apply algebraic skills to problem solving
- Apply algebraic thinking to other fields
- Organize and express ideas clearly and convincingly in oral and written forms.

CLU Educational Objectives:

- Develop Critical Thinking skills

- Develop Interpersonal and Teamwork skills
- Develop Quantitative Literacy skills

Coursework and Attendance Policy:

Each class, homework will be assigned and previous homework will be returned. Additionally, There will be three tests, one for every two chapters covered, and weekly online discussions. If you will not be able to be in class the day of an exam, give me at least one week notice to set up an alternative time for the exam. If you miss class contact me to get the homework assignment and lecture notes.

Please read the sections from the book before each class meeting they will be covered (See schedule below).

Number of Hours Outside of Class:

The expectation is that a 4-credit course will meet for 50 hours of instructional time and will have 100 hours of out-of-class work (homework).

- Our 4-credit course meets for about 49.5 hours in-person
- Outside of class, you are expected to read the text to get familiar with concepts covered each class, to work on the homework assignments, and prepare for quizzes and exams.

Carnegie Hours Chart

Activity	Instructor-Led Hours		Homework Hours		Remarks
	Weekly	Course	Weekly	Course	
Reading of materials			2 hr.	20 hr.	
Weekly Classes	4 hr. 30 min.	47 hrs.			Includes final exam
Office Hours	2 hr.	22 hrs.			
Midterm Prep.				10 hr x 2	Average, varies by student
Homework			5 hr.	50 hr.	
Final Exam Prep.				10 hr.	Average, varies by student
Total		69 hr.		110 hr.	

- **Homework:**
 - Homework will be assigned at regular intervals. Homework *must be handed into* the instructor on the due date; no delays accepted. Answers will be graded and handed back in a timely fashion. Questions relating to the homework can emailed to or discussed during office hours.

- **Note:**
 - Remember to print your name on your answers; papers must be stapled together, and answers must be written legibly, preferably in pencil. I will not accept papers that are not stapled.
 - You are welcome and even encouraged to work in groups on homework problems but each student must write up and turn in his/her answers individually.
- **Quizzes:** Every now and then there will be a 15-minute quiz in class. This will consist of a question very similar to your homework. If you complete the homework and understand it you should be in good shape for the quiz.
- **Exams:** The two tests and Final exam will be similar in format to the homework.
- **Office Hours:** Please come prepared with questions, your textbook, paper and pencil/pen

Grading:

The concept of "curving" will not apply. Your grade reflects your own progress, not that of the rest of the class.

The total grade is calculated according to the following scheme:

Each grade during the class (Quiz, Homework, Midterm or Final) is out of 100

Description	Percentage	Grading Cutoffs
Attendance and Participation	5%	<ul style="list-style-type: none"> ● A+ : 93% and above ● A : 86% to 93% ● A- : 80% to 86% ● B+ : 73% to 80% ● B : 66% to 73% ● B- : 60% to 66% ● C+ : 55% to 60% ● C : 50% to 55% ● D : any total grade below 50%, or failure to achieve minimal grade in the final
Homework	15% (lowest score dropped)	
Quizzes	10% (lowest score dropped)	
Test 1	15%	
Test 2	15%	
Final	40% (Note that there is a minimum grade required in the Final Exam to pass the class.)	

Course Evaluation:

When the course evaluation is available online you will receive an email. Feedback is important for the constant improvement of the course. The link is <http://courseval.callutheran.edu>

Help Desk:

Students may contact the Help Desk about telephone, network, wireless network, software questions password problems, hardware problems, and general consultation (i.e. you cannot log into your MyCLU portal, or you are having problems with Blackboard). Please email specific details about your problems to helpdesk@callutheran.edu, click on the following link for more information http://www.callutheran.edu/iss/technology_services/helpdesk.php or call: 805.493.3698

Disability Statement:

California Lutheran University is committed to providing reasonable accommodations in compliance with ADA of 1990 and Section 504 of the Rehabilitation Act of 1973 to students with documented disabilities. If you are a student requesting accommodations for this course, please contact your professor at the beginning of the semester and register with the Disability Support Services Coordinator, Wendy Jimenez, for the facilitation and verification of need. The Disability Support Services Coordinator is located in the Center for Student Success Office at 3259 Pioneer Street, and can be contacted by calling 805.493.3878 or emailing wjimene@callutheran.edu

Veteran's Resources:

If you are a veteran, military member, or a family member of a veteran or military member, please refer to Cal Lutheran's Veterans Resources webpage for important information: <http://www.callutheran.edu/veterans/> Also, if you are a veteran receiving benefits and you are struggling in a class, you most likely qualify for free tutoring. Please contact the Veterans Coordinator, Jenn Zimmerman, veterans@callutheran.edu or 805.493.3648, for more information.

Academic Honesty:

Academic excellence, honesty and integrity at every level of student life. Part of CLU's dedication to academic excellence is our commitment to academic honesty. Students, faculty, staff and administration share the responsibility for maintaining high levels of scholarship on campus. Any behavior or act which might be defined as "deceitful" or "dishonest" will meet with appropriate disciplinary sanctions, including dismissal from the University, suspension, grade F in a course or various forms of academic probation. Policies and procedures regarding academic honesty are contained in the faculty and student handbooks.

Plagiarism, cheating, unethical computer use and facilitation of academic dishonest are examples of behavior which will result in disciplinary sanctions. Plagiarism includes, but is not limited to:

- word for word copying without using quotation marks or presenting the work as yours
- using the ideas or work of others without acknowledgement
- not citing quoted material. Students must cite sources for any information that is not either the result of original research or common knowledge.

Standards of Student Conduct Statements:

- http://www.callutheran.edu/student_life/student_handbook/
- <http://www.callutheran.edu/ctl/services/academic-honesty.php>

University Harassment Policy:

Be civil to each other, both on- and offline. For information on the University's **student harassment policy and rights, please go to the following link:**

http://www.callutheran.edu/student_life/student_handbook/

Pearson Library:

Pearson Library provides access to scholarly books, journals, ebooks, and databases of full text articles from scholarly journals. To begin using these materials, visit the library web page

<http://www.callutheran.edu/iss/research/>

- To contact a librarian:
- Chat on the Library's home page
- Email: CLUlibrary@callutheran.edu
- Phone: (805) 493-3250.
- CLU's satellite locations, see <http://www.callutheran.edu/iss/research/satellite.php> for the full range of services provided.

CLU Writing Center:

The Writing Center provides 1:1 writing consultations, in-person and online, with trained undergraduate and graduate writing consultants. We welcome all writing-related projects at any stage of the writing process across the diverse disciplines of study at CLU. The Writing Center also hosts writing workshops, provides in-class visits, facilitates writing groups, and offers a writer's studio option for longer, sustained projects. Services suit writers of all levels, including traditional undergraduates, graduate students from all fields, all English language learners, and accomplished scholars alike. All members of the CLU community with an @callutheran.edu email address are welcome to make use of our services. For more information, please visit at www.callutheran.edu/writing_center or call 805-493-3257. Please schedule appointments online through MyCLU Blackboard with the yellow "The Writing Center" icon in "Tools," or stop by The Writing Center itself, located in the Darling Collaboration Suite of Pearson Library.

Sexual Misconduct

California Lutheran University does not tolerate any degree of sexual misconduct on or off-campus. We encourage you to report if you know of, or have been the victim of, sexual harassment, misconduct, and/or assault. If you report this to a faculty member, she or he must notify Cal Lutheran's Title IX Coordinator about the basic facts of the incident. More information about your options for reporting can be found at:

<http://www.callutheran.edu/title-ix/>

This syllabus is subject to change.

Class Schedule:

- **Week 1:**
 - Aug 31 (M): Welcome to Class, Ch 1.1, 2.1, and 2.2: Linear Equations, Graphing and Functions.
 - Sep 2 (W): Ch 2.3, 2.4, 2.5: Functions, Composition of Functions, Average Rates of Change.
- **Week 2:**

- Sep 7 (M): Labor Day. No Class.

- Sep 9 (W): Ch 2.6, 3.1, 3.2: Linear Functions, Linear Systems, Systems of 3 Variables.

Quiz 1

- **Week 3:**

- Sep 14 (M): Ch 3.5 and Review: Applications. **Quiz 2**
- Sep 16 (W): **Test 1**

- **Week 4:**

- Sep 21 (M): Ch 1.4, 1.5: Inequalities.
- Sep 23 (W): Ch 1.6, 1.7, 2.7: Absolute Value Inequalities, Inequalities in Two Variables.

- **Week 5:**

- Sep 28 (M): Ch 6.1, 6.2, 6.3: Radicals, Simplifying Radicals. **Quiz 3**
- Sep 30 (W): Ch 6.4, 6.5: Radical Functions.

- **Week 6:**

- Oct 5 (M): Review. **Quiz 4**
- Oct 7 (W): **Test 2**

- **Week 7:**

- Oct 12 (M): Ch 4.2, 4.4: FOIL, Factoring by Grouping.
- Oct 14 (W): Ch 7.1: Completing the Square.

- **Week 8:**

- Oct 19 (M): Ch 7.2, 7.3: Quadratic Formula, Solutions of Quadratics. **Quiz 5**
- Oct 21 (W): Ch 7.4, 7.5: Quadratic Applications and Graphing.

- **Week 9:**

- Oct 26 (M): Ch 7.6: Polynomial Inequalities. **Quiz 6**
- Oct 28 (W): Ch 8.2: Inverse Functions.

- **Week 10:**

- Nov 2 (M): Ch 8.1, 8.3: Exponential Functions, Logarithmic Functions. **Quiz 7**
- Nov 4 (W): Ch 8.4, 8.6 : Properties of Logarithms, Change of Base.

- **Final's Week:**

- Nov 9 (M): Review. **Quiz 8**
- Nov 11 (W): **Final**