

Aims Community College
MAT 055 Algebraic Literacy

CRN: 20046 G45

T & Th 1245 – 1425 hrs, HH122

Fall17

Instructor: Ray Brown **PHONE:** 339-6684 (518-2188 cell) **OFFICE:** Horizon Hall Rm 114

Office Hours: See Calendar/Schedule posted on www.raytoteach.com

Web Site: www.raytoteach.com

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The best method of communication is via email. I generally check my email twice a day and strive to respond within 24hrs

Calculator: TI-30X II S or equivalent

- **Computer Aided Instruction (CAI) Format:** See the web site www.raytoteach.com and the company web site www.mymathlab.com for more information.
- The course is delivered using a combination of in class direct instruction and computer-aided instruction (CAI) to assist students in understanding the material.
- **Students are required to purchase a MyMathLab license.** This may be purchased online or as a kit from the Aims Bookstore. Homework assignments are completed online and submitted via MyMathLab.
- **DO NOT PURCHASE A MyMathLab LICENSE UNLESS YOU ARE SURE YOU NEED A LICENSE.** There is a limited opportunity for returns.
- Students should bring their own personal headphones to use with the computers available in the classroom.
- **The purchase of a hardcopy textbook is optional. Optional Textbook:** Developmental Mathematics with Applications and Visualization: Prealgebra, Beginning Algebra, and Intermediate Algebra, by Rockswold and Krieger, Pearson Prentice-Hall
- A scientific calculator is recommended for some portions of the course, **Calculator: TI-30X II S or equivalent**

Course Description/Prerequisites/ 4 Semester Credits:

- Develops skills necessary for manipulating algebraic expressions and solving algebraic equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies.
- Prerequisite: MAT 050 (Grade C or better) or Accuplacer scores EA 60-84.

Course Objectives: Upon completion of this course the student/learner should be able to:

- Demonstrate knowledge of and the ability to perform algebraic manipulations with radicals, complex numbers, polynomials, and rational expressions.
- Demonstrate knowledge of and the ability to solve quadratic equations, absolute value equations and inequalities, and systems of linear equations.
- Demonstrate the use of critical thinking skills to solve application problems.

Important Dates:

- Add a course deadline: Friday, 26 Aug 17
- Drop deadline date without anything appearing on transcript: Wednesday, 6 Sep 17
- 9 – 13 Oct 17, Midterm week, progress grades submitted to the registrar: on or about 13 Oct 17
- Final date for student to withdraw with a "W": Wednesday, 8 Nov 17
- Comprehensive Final Exam: Thursday, 7 Dec 17; 1245 to 1425 hrs.

Grading Scale:	90 - 100%	A
	80 - 89%	B
	70 - 79%	C
	60 - 69%	D
	0 - 59%	F

Tests...45% Test Corrections...5% HW...10% Quizzes...10% Support Activities...10% Comprehensive Final...20%

Withdraw "W" Grade: Withdraw indicates the student withdraws from the course generating a "W" on the transcript.

Students may withdraw online or forms may be picked up and processed at the registration desk

Incomplete "I" Grade: The Incomplete "I" is an option for the instructor when a student has, for good reason, been delayed in completing the required work and has satisfactorily completed (grade average of "C" or better) at least 75% of the course. The student has a maximum of one term to complete the requirements of the course, although an extension can be granted. After one year, an "I" that remains on a student's transcript will be converted to the grade of "F".

Note: The Incomplete "I" grade is not an option for students on financial aid without consequences.

Attendance: Attendance is taken in the form of turning in homework and taking tests. If there is a lapse in this type of participation for a consecutive length of one (1) week, the student is to be reported as a "stop out" per Federal Financial Aid regulations and Aims policies. If you have to be gone for this length of time, but want to continue in the course, please contact me before the length of time expires.

Pre- Chapter Tests: Taken before starting the chapter homework the pre-tests can reduce the number of homework problems by giving you credit for the problems that you mastered on the pre-test. They are taken from home or on a public computer and no password is required but there is a 60-minute time limit. Taking the pre-test can only help you, there is no score recorded.

Chapter Quizzes: Are completed on the MyMathLab website either from home or a public computer. You need to score 70% or better on the chapter quiz to release remaining Chapter Assignments.

Homework Assignments: In MyMathLab there is an assignment for each section that will allow you to practice and learn the concepts. This set of problems is graded by the computer and will offer you guidance in solving the problem set. A score of 60% or better is needed on each homework assignment in the chapter to make the chapter quiz and post-test available to you. Homework assignments can be worked as many as needed to master the material.

Support Activities: Includes group work and assignments listed in Aims Online (D2L). Some concepts of the course will be taught or enhanced by in-class group activities. These activities allow you to actively apply mathematical concepts and communicate these concepts to your peers. Missed group activities **CANNOT be made up for any reason.**

Chapter Post-Tests: Taken after completing all the quizzes and homework assignments. These are computer based tests taken in the classroom with some additional paper based questions. See the schedule posted on www.raytoteach.com for exam dates. Only one attempt is allowed on the Post Test. CHEATING WILL NOT BE TOLERATED.

Test Corrections: Concepts not mastered in the chapter post-test can be reviewed and reworked in a test correction assignment tied to each chapter post-test. Concepts mastered in the post-test will be credited in the test correction assignment.

Comprehensive Final Exam: The final exam will be comprehensive and represents at least 20% of the course grade. All students are required to take the final exam. Students may have ONE sheet of paper (8 ½ by 11 inches) with notes, formulas, etc. on both sides to use while taking the Comprehensive Final Exam. Your score on the final exam can be used to replace the lowest non-zero chapter post-test score.

Tutoring:

Drop-in, individual, and guided study group tutoring is available to currently enrolled Aims students. For available subjects for tutoring, hours, and additional questions, please call:

339-6541 for Greeley

667-4611 ext. 3304 for Loveland

303-718-5905 for Fort Lupton services.

Also, please visit our website at <http://www.aims.edu/student/learning-commons/tsi/> for current information and drop-in tutoring hours.

Online tutoring assistance is available for writing and math by request only during our scheduled drop-in hours.

The Computer Learning Lab staff provides assistance in various disciplines, including CIS, Business Technology, Graphics Technology and various programming languages. There are a large number of computers loaded with current software available for student use. Please visit the website for additional information.

<http://www.aims.edu/student/learning-commons/complab/>.

Disability Access Center:

Any student who feels s/he may need an accommodation based on the impact of a disability should contact Disability Access Services (DAS) privately to discuss her/his specific needs. Please be aware that before most accommodations can be allowed in class they must be approved through the DAS Office. Students should call 970-339-6251 to set up an appointment or email disabilities@aims.edu with any questions. DAS is located in the College Center.

“The standard syllabus policies located at <http://www.aims.edu/inside/policies/standard-syllabus/> apply to every course at Aims Community College. These policies are hereby incorporated into this Syllabus.”

Student Conduct (see the college website for additional information about this policy):

Students are expected to practice academic honesty. Each student is responsible for contributing to a positive learning environment in classroom situations. Because respect for the learning process is critical, no behavior that disrupts another student’s ability to learn will be tolerated. **Cell Phone Policy:**

If you have a cell phone with you in the classroom, please turn the ringer or beeper off unless you are expecting a call due to an emergency situation. In that case, please inform the instructor in order not to disrupt the class unexpectedly. Cell phones may not be used as calculators while taking an exam.

Children on Campus:(see the college website for additional information about this policy):

All children on campus under the age of sixteen (16) must be under the direct supervision of a parent or legal guardian unless they are involved in a specific college approved and supervised activity. Do not bring children to the math classroom or tutor sessions.

Course Evaluations:

Online course evaluations for most classes will be available for students to complete during the last 2 weeks of the spring semester. Other short course evaluations will be available at various times, depending on their course start and end times. Students will receive an email message directing them to a website where they can login using their Aims ID and complete evaluations. All course evaluations are confidential.

Student Course Evaluation Website: aims.campuslabs.com/courseeval

Counseling: Aims Community College and North Range Behavioral Health are partnering together to offer Personal Counseling Services for current students in the Student Success Center on the Greeley Campus in the One-Stop area of the College Center.