

Aims Community College

MAT 050 CRN: 20421/21822 G91/92 **Quantitative Literacy**

Fall 2016

Online/Hybrid using www.mymathlab.com

Instructor: Amanda Zimmer (cell: 970/217-4552) **OFFICE:** Horizon Hall Rm 136

Office Hours: Face to Face or Online by appointment

Tutoring: **Amanda By Appointment & Ray in drop-in: Th 0800 to 1000 hrs.**

Mailbox: **College Center 230** – Testing Office

Web Site: www.raytoteach.com

E-MAIL: Amanda.zimmer@aims.edu

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

- **Online/Hybrid Format:** See the web site www.raytoteach.com and the company web site www.mymathlab.com for more information. **Students are required to complete tests on campus.**
- **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.
- **The purchase of a hardcopy textbook is optional.**
- A scientific calculator is recommended for some portions of the course, Calculator: **TI-30X II S or equivalent**

Catalog Description:

Includes the vocabulary, operations and applications of whole numbers, decimals, and basic fractions and mixed numbers. The study of fractions and mixed numbers. Also included are vocabulary, operations and applications of ratio, proportion, percent, area, perimeter, US and metric measures, integers, and an introduction to algebraic expressions and the solution of basic first-degree equations.

Optional Textbook: Developmental Mathematics with Applications and Visualization: Prealgebra, Beginning Algebra, and Intermediate Algebra, by Rockswold and Krieger, Pearson Prentice-Hall

Course Description/Prerequisites/Credits: 4 semester credits

- Develops number sense and critical thinking strategies, introduces algebraic thinking, and connects mathematics to real world applications. Topics in the course include ratios, proportions, percent, measurement, linear relationships, properties of exponents, polynomials, factoring, and math learning strategies.
- Accuplacer scores EA 30-84 or AR>40

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

- Demonstrate knowledge of and the ability to solve problems involving ratios, rates, proportions, percent, and measurement conversions.
- Demonstrate knowledge and usage of formulas.
- Demonstrate knowledge of and the ability to solve linear equations and inequalities.
- Demonstrate knowledge of and the ability to calculate and simplify expressions containing exponents and numeric square roots.
- Demonstrate knowledge of and the ability to perform algebraic manipulations involving polynomials, polynomial operations, and basic factoring.
- Demonstrate the use of critical thinking skills to problem solve.

Important Dates:

- Add a course deadline: Friday, 26 Aug 16
- Drop deadline date without anything appearing on transcript: Wednesday, 7 Sept 16
- 10-14 Oct 16, Midterm week, progress grades submitted to the registrar: on or about 14 Oct 16
- Final date for student to withdraw with a "W": Wednesday, 9 Nov 16
- Comprehensive Final Exam: Thursday, 8 Dec 16; By COB of the testing office

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

Grading: Tests...50% Test Corrections...5% Assignments...15% Quizzes...10% Comprehensive Final...20%

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES: 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 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. We are located in the College Center in the One-Stop Shop area on the 1st floor.

Withdraw "W" Grade: WITHDRAW indicates the student withdraws from the course generating a "W" on the transcript. Withdrawals may be done online or forms may be picked up and processed at the main office.

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. **Note: The Incomplete "I" grade is not an option for students on financial aid without consequences. In other words, it is going to affect your financial aid eligibility.**

ATTENDANCE: This is an online/hybrid course, therefore, attendance is a bit more "ambiguous" in that we don't meet at a given time in a given room to discuss problems and learn mathematics. However, attendance is required. You will have to log in, preferable daily, to work on mathematics. Attendance is taken in the form of turning in homework and taking tests online. 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 your instructor before the length of time expires.

Pre- Chapter Tests: Taken before starting the chapter homework pre-tests can reduce the number of homework problems by deleting problems 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. You have two attempts on the quizzes. Quizzes have a 60 minute time limit. Immediately contact your instructor if you do not get 70% on the first two attempts.

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. It is recommended that you maintain a schedule similar to that of a face-to-face class in completing the assignments. **DO NOT try and complete the course in the last week.** 60% or better is needed on each homework assignment in the chapter to make the post-test available to you. If you wish to take the chapter test without scoring 60% or better on each assignment, contact your instructor. Homework assignments can be worked as many as needed to master the material.

Post Chapter Test: Taken after completing all the homework assignments with 60% or better. Only one attempt is allowed on the Post Test. These are taken in the testing office, **College Center room 230 or on a satellite campus** and require a password to access. Paper questions are included with the computer test. Be sure to ask for these questions. **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, formula, etc. on both sides to use while taking the Comprehensive Final Exam. The student's sheet of notes must be submitted and attached to the final exam. The final is taken in the testing office, College Center room 230 or on a satellite campus. Your score on the final exam can be used to replace the **lowest non-zero** test score.

Course Assistance – While this is an online/hybrid there are resources available to help you be successful in the class. More detail on these can be found on the web site www.raytoteach.com.

- **TUTORING** – Available in the Learning Resource Center (LRC) located upstairs in the College Center and on satellite campuses. See www.raytoteach.com for a link to the web site for hours. Online tutoring is available on request.
- **INSTRUCTOR** – While there are no regularly scheduled classes you can contact your instructor for assistance. See the web site, www.raytoteach.com for instructor office hours. You can also use the Ask Instructor button when available in MyMathLab.
- **Virtual Classroom and Google Hangouts** – Information on these tools are posted on the web site, www.raytoteach.com and allow students to work directly with their instructor in real time. These sessions needed to be scheduled with the instructor or accessed at a predetermined time.

“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: Students are expected to practice academic honesty. Each student is responsible for contributing to a positive learning environment. Students who conduct themselves contrary to the best interest of the class as a whole may be dropped from the roster. Students should refrain from expressing derogatory opinions concerning race, gender, ethnicity, and should avoid using obscene language. They must refrain from any form of cheating, plagiarism, or knowingly furnishing false information to the college.

Tutoring: Available for free to Aims and UNC students attending Aims CC. Drop in tutoring is available in Learning Center located in the Library. One to one tutoring is available through the tutoring office. Hours and updates are available at, <http://www.aims.edu/student/learning-commons/tsi/> or by calling 339-6541. Online tutoring is available via various synchronous platforms and can be requested through the tutoring office.

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.