

**Instructor:** Ray Brown **PHONE:** 339-6684 (518-2188 cell) **OFFICE:** Horizon Hall Rm 114  
**Office Hours:** See Calendar/Schedule posted on [www.raytoteach.com](http://www.raytoteach.com)  
**Tutoring:** Math Drop-in – College Center Library: W & W 10:30 – Noon  
**Web Site:** [www.raytoteach.com](http://www.raytoteach.com)  
**E-MAIL:** [ray.brown@aims.edu](mailto:ray.brown@aims.edu); [rbrown5637@msn.com](mailto:rbrown5637@msn.com)

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

- **Computer Aided Instruction (CAI) Format:** See the web site [www.raytoteach.com](http://www.raytoteach.com) and the company web site [www.mymathlab.com](http://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](http://www.mymathlab.com) license.** This may be purchased online or as a kit from the Aims Bookstore. Homework assignments are completed online and submitted via [MyMathLab](http://www.mymathlab.com).
- **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.**
- 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:** Wednesday, 3 Jun 15
- Drop **deadline** date without anything appearing on transcript: Tuesday, 9 Jun 15
- Midterm week, progress grades submitted to the registrar: on or about 1 Jul 15
- Final date for student to withdraw with a "W": Tuesday, 21 Jul 15
- Comprehensive Final Exam: Wednesday, 5 Aug 15

**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.

**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](mailto: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.

**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.**

<b>GRADING SCALE:</b>	93 - 100%	A	This scale is used for tests and assignments
	84 - 92%	B	
	78 - 83%	C	
	70 - 77%	D	
	0 - 69%	F	

**Grading: Tests...70%**                      **Assignments...10%**                      **Quizzes...5%**                      **Comprehensive Final...15%**

**ATTENDANCE:** 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, completing quizzes and 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 your instructor before the length of time expires.

**Sample Tests:** Can be taken an unlimited number of times to help you understand how to navigate through the test as well as understanding some of the content that is presented in the chapter. These are graded by the computer. Sample Tests have **no impact on your grade**. These can be completed from home and do not require a password.

**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.

**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](http://www.raytoteach.com) for exam dates. Only one attempt is allowed on the Post Test. **CHEATING WILL NOT BE TOLERATED.**

**Comprehensive Final Exam:** The final exam will be comprehensive and represents at least 15% 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.

**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](http://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](http://www.raytoteach.com) for a link to the web site for hours. Online tutoring is available on request via Wimba.

**INSTRUCTOR** – See the web site, [www.raytoteach.com](http://www.raytoteach.com) for instructor office hours. You can also use the Ask Instructor button when available in MyMathLab.

**Wimba** – You can access a virtual classroom to communicate with your instructor and work problems together. Contact your instructor to set up a time to meet virtually. Information on accessing Wimba is found on [www.raytoteach.com](http://www.raytoteach.com) under resources.

*“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 Wimba 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.