

# ALGEBRAIC LITERACY - MAT 055 -

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## Spring 2018 Syllabus

### CONTACT INFORMATION

**Instructor:** [Haleh Zarrini]

**Office:** [2621]

**Office Hours:** [1:00 to 3pm]

**Sat:** 9:00-12:35pm; **Room:** REA 1415

**Email:** [haleh.zarrini@rrcc.edu]

### REQUIRED TEXTBOOK/COURSE MATERIALS

*Developmental Mathematics: Volume II*, Rockswold and Kreiger,  
Plus MyMathLab

### COURSE DESCRIPTION:

Develops algebraic skills necessary for manipulating expressions and solving equations. Topics in the course include radicals, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies. This course prepares students for College Algebra.

Credit hours: 4

### COURSE PREREQUISITE

Grade of C or better in MAT 050, or appropriate placement score

### COURSE COMPETENCIES

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

## TENTATIVE COURSE SCHEDULE

\*\*Test dates will not change—if any other changes are made to this calendar it will be announced in class.

Week	Date	Class Topic
1	1/20/18	11.1, 11.2, 11.3
2	1/27/18	12.6, 13.1, 13.2, 13.3
3	2/3/18	13.3, 13.4, 13.5
4	2/10/18	13.6, 13.7
5	2/17/18	Review, Test
6	2/24/18	14.1, 14.2, 14.3
7	3/3/18	14.4, 14.5
8	3/10/18	14.6
9	3/17/18	No Class
10	3/24/18	15.1, 15.3, 15.4
11	3/31/17	15.2, 15.5
12	4/7/18	Review, Test
13	4/14/18	17.1, 17.2, 17.3
14	4/21/18	17.4, 17.6
15	4/28/18	18.3, 18.4, Review
16	5/5/18	<b>Final Exam</b> (Final is 1 hr 40 minutes—can use part of this class for review as well)
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## TUTORING

Free drop-in tutoring is available in the College Prep Zone (located in the Learning Commons).

Monday – Thursday: 9am – 6pm

*(The Math Lab also has tutoring on Fridays 9-12 and Saturdays 11-3.)*

## GRADES

### METHODS OF EVALUATION / GRADING / ASSESSMENT

**Homework:** Homework will be completed and submitted through MyMathLab. Homework will be graded on both accuracy and completeness. No make-ups or late submissions will be allowed! However, I will drop your lowest homework grade at the end of the semester.

**Quizzes:** We will have quizzes frequently in class (*see the schedule for quiz dates*). No notes or graphing calculators can be used on quizzes. Scientific calculators may be allowed on some quizzes. Absolutely no make-ups or late submissions will be allowed.

**Tests/Final Exam:** There will be 3 exams and a comprehensive final exam. **Make-ups must be arranged with me prior to test day.** No make-ups will be given after the exam has been handed back. Scientific calculators will be allowed on exams.

*\*If class is cancelled on the day of an exam, the exam will be given the following class.*

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## GRADING SCALE

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

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## CRITERIA FOR GRADING / GRADING STANDARDS / ASSESSMENT MODULES

I will regularly update D2L with the scores you have received on assignments throughout the semester.

**No extra credit will be offered.** The following weighted scale will be used to determine your semester grade:

Homework: 10%      Quizzes: 10%      3 exams: 60%      Final exam: 20%

## IMPORTANT DATES

**STUDENTS PLEASE VERIFY YOUR SPECIFIC CENSUS AND WITHDRAW DATES IN THE DETAILED STUDENT SCHEDULE, WITH DROP & WITHDRAWAL DATE, IN THE ROCK, UNDER THE STUDENT TAB**

Census Date (last day to drop with a refund)

If you drop a class before the drop date you are not responsible for payment, and you will not lose College Opportunity Fund (COF) credits. Additionally, a dropped course will not be visible on your permanent student record. If you are on financial aid, you should consult a financial aid advisor before dropping a class.

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## WITHDRAW DATE (LAST DAY TO WITHDRAW WITH A "W")

You can withdraw between the drop and withdrawal dates without affecting your grade point average. However, if you withdraw from a class you will be responsible for full payment and you will lose COF credits. If you are on financial aid, you should consult a financial aid advisor before withdrawing from a class.

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## ATTENDANCE POLICY

Regular attendance is expected. It is up to you to obtain notes from another student when you miss class.

Habitual tardiness and early exits are not acceptable--please let me know beforehand if you have a special circumstance that requires you to miss part of a class period. Cell phones should be away during class. If classroom behavior is a problem, you may be asked change your seat or the leave the classroom.

## ACADEMIC INTEGRITY STATEMENT / ACADEMIC DISHONESTY

Academic Misconduct: Plagiarizing, cheating, or committing any other form of academic misconduct including, but not limited to, unauthorized collaboration, falsification of information, and/or helping someone else violate reasonable standards for academic behavior. Students who engage in any type of academic dishonesty are subject to both academic consequences as determined by the instructor and to disciplinary action as outlined in the RRCC disciplinary procedures.

## STUDENT HANDBOOK

The [RRCC Student Handbook](#) is your most current source of dates, resources, contacts, and policies.

## ACCESSIBILITY

Red Rocks Community College is committed to access for students with disabilities. If you are a student with a disability and need assistance or are interested in requesting accommodations, please contact [Accessibility Services](#). Faculties are not obligated to provide accommodations without proper notification by Accessibility Services and accommodations are not retroactive. Students may contact the Access staff by telephone or email to make an intake appointment at 303-914-6733 or [access@rrcc.edu](mailto:access@rrcc.edu). Accessibility Services is located in Suite 1182 at the Lakewood campus. More information is available at [www.rrcc.edu/accessibility-services](http://www.rrcc.edu/accessibility-services).

## NON-DISCRIMINATION STATEMENT

Red Rocks Community College is committed to diversity in its people and programs. The College is an equal opportunity educational institution and does not discriminate on the basis of disability, race, creed, color, gender, sexual orientation, gender expression, religion, age, national origin, or ancestry, or any other category protected by applicable law. Please direct discrimination inquiries to: Red Rocks Community College, Human Resources, 13300 W 6th Avenue, Lakewood, CO 80228-1255, 303-914-6298.

## MANDATORY REPORTING STATEMENT

Our College is committed to preserving a safe and welcoming educational environment for all students. As part of this effort, I have an obligation to report certain issues relating to the health and safety of campus community members. I must report to the appropriate College officials any allegation of discrimination or harassment. Sexual misconduct, which includes sexual harassment, non-consensual sexual contact, non-consensual sexual intercourse, and sexual exploitation, is considered a form of discrimination.

In addition to reporting all discrimination and harassment claims, I must report all allegations of dating violence or domestic violence, child abuse or neglect, and/or credible threats of harm to yourself or others. Such reports may trigger contact from a College official who will want to talk with you about the incident that you have shared. In almost all cases, it will be your decision whether you wish to speak with that individual. If you would like more information, you may reach the Title IX/EO Coordinator: **Arnie Oudenhoven, Executive Director of Human Resources/Title IX Administrator, 303-914-6298** or [Arnie Oudenhoven](mailto:arnie.oudenhoven@rrcc.edu) (arnie.oudenhoven@rrcc.edu)

Reports to law enforcement can be made at the Red Rocks Campus Police Department behind the Welcome Desk at the Main Entrance or [rrpd.dispatch@rrcc.edu](mailto:rrpd.dispatch@rrcc.edu) at 303-914-6394.

If you would like a confidential resource, please contact **Arnie Oudenhoven, Executive Director of Human Resources/Title IX Administrator, 303-914-6298** or [Arnie Oudenhoven](#)

Further information may be found on the college [Human Resources](#) web site: <http://www.rrcc.edu/human-resources/sexual-misconduct>.

## RRCC SYLLABUS INSERT – COLLEGE POLICIES AND ADDITIONAL INFORMATION

The RRCC SYLLABUS INSERT – COLLEGE POLICIES AND ADDITIONAL INFORMATION can be found on the Home page of every D2L course site. Please access this link for additional information and helpful links.