

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: ALGB 082 Department: Mathematics

Course Title: Algebra 1 - Second Module Semester: Spring Year: 1999

Objectives/Competencies

Course Objective	Competencies
<p>First course in developmental algebra which covers the topics of sets, the arithmetic of real numbers, variables, exponents, integers, equation solving, simplifying rational expressions, solving rational equations.</p> <ol style="list-style-type: none">1. Add and multiply signed numbers.2. Remove grouping symbols involving signed numbers.3. Define the term equivalent equations.4. Solve first-degree equations and check the results.5. Model applied problems with first-degree equations.6. Represent rational numbers as terminating or repeating decimals.7. Recognize that each non-zero real number, x, has a multiplicative inverse, $1/x$.	<p>a.</p>

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