### WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

*Windward Community College is committed to excellence in the liberal arts and career development; we support and challenge individuals to develop skills, fulfill their potential, enrich their lives, and become contributing, culturally aware members of our community.*

### CATALOG DESCRIPTION

This course is a continuation of Math 24 Elementary Algebra I representing approximately the second half of a typical first year course in algebra. Topics include exponents, polynomials, factoring, rational expressions and equations, radical expressions and equations and quadratic equations.

### LEARNING RESOURCES

- **Required Text:** “Beginning Algebra, Vol. 2” (customized for WCC) by Lial, Hornsby, & McGinnnis
- **Math Lab:** Alakai 125
- **The Testing Center (TTC):** Alaka’i room 106  (phone 235-7498)
- **Recommended:** Graphic calculator, such as the TI-84.

### STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

1. Utilize precise mathematical language and symbols in written and/or oral form.
2. Demonstrate proficiency in performing operations with whole numbers and variable expressions.
3. Interpret quadratic equations geometrically and identify key characteristics.
4. Employ algebraic techniques to find the solution for equations.
5. Use algebraic techniques to analyze and solve applied problems.

7. Employ algebraic techniques to factor a polynomial.

8. Graph a linear equation in two variables, find slope and apply it to finding the equation of a line.

**COURSE TASKS**

**Activities Required at Scheduled Times Other than Class Times**

MathXL homework and textbook homework as assigned below. Textbook homework is due the following class day, MathXL homework must be completed by the day of the test for that chapter.

**Tentative Schedule and Assignments:**

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<th>Text Homework Problems</th>
<th>Homework (in MathXL)</th>
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ASSESSMENT TASKS AND GRADING

There will be 29 textbook and 33 MathXL homework assignments, five tests, and one final. Each homework assignment is scored based on the percent completed, each test and the final are worth 100 points each.

<table>
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<th>Points Possible</th>
<th>Scoring</th>
<th>% Score</th>
<th>Grade</th>
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<td>Homework Percent</td>
<td>percent completed * 15</td>
<td>90 -- 100</td>
<td>A</td>
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<td>Tests 500 points</td>
<td>your score / 500 * 60</td>
<td>80 -- 89</td>
<td>B</td>
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<tr>
<td>Final 100 points</td>
<td>your score / 100 * 25</td>
<td>70 -- 79</td>
<td>C</td>
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<td></td>
<td>Sum = % Score</td>
<td>60 -- 69</td>
<td>D</td>
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<td></td>
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<td>&lt; 60</td>
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<td>As defined below</td>
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<tr>
<td></td>
<td></td>
<td>70 -- 100</td>
<td>CR</td>
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<tr>
<td></td>
<td></td>
<td>&lt;70</td>
<td>NC</td>
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</table>

A student may opt for a CR/NC rather than the A, B, C, D, F, N grading system where CR gives credit if at least 70 percent of the points have been accumulated, or NC for no credit if less than 70 percent of the points are earned. Students must apply for CR/NC grades at the Registrar’s office before the withdrawal deadline. An “N” grade indicates that the student has worked conscientiously, attended regularly, finished all work, fulfilled course responsibilities, and has made measureable progress. However, either the student has not achieved the minimal student learning objectives and is not yet prepared to succeed at the next level, or the student has made consistent progress in the class but is unable to complete the class due to extenuating circumstances, such as major health, personal or family emergencies.

Minimum competencies are expected of students. Each student must:
A. Score at least 70% of the total points on each test and
B. Score at least 60% of the total points on the final.

Until these minimums are met, grades of A, B, C, D, or CR cannot be assigned.

Students may retake every chapter test once to either meet the 70% minimum or to improve their grade. For the final exam, only students who do not make the minimum of 60% may be given an opportunity to retest for the final. However, the maximum score for the final retest is 60%.

See your instructor for appointments for retaking tests. Retake tests must be completed before the next scheduled test. More information on retesting will be given when retesting begins.

If students disappear, they will get an F for the course.

Additional Information

Attendance: All students are expected to be on time and stay until the end of class. If you are absent, it is your responsibility to check for any information given.

Calculators: While recommended, they are not allowed for taking tests.

Plagiarism: Copying or using another student’s work is not permitted. Cheating may result in failing the class.

Tests: Show your work if you want credit. Work should be neat and easy to follow.

Final Exam: The final is accumulative. It will cover the entire course.

Homework: Homework is assigned from the textbook and in MathXL.

DISABILITIES ACCOMMODATION STATEMENT

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed in this class. Ann Lemke can be reached at 235-7448, lemke@hawaii.edu, or you may stop by Hale ‘Akoakoa 213 for more information.