MATH 24 ELEMENTARY ALGEBRA I  
3 Credits 
Time: (Tuesday/Thursday 5:30 - 6:45 PM)

INSTRUCTOR: Kimlynne Slagel  
OFFICE: Mana’opono 110A  
OFFICE HOURS: Tuesday 5:00-5:30 PM, Thursday 6:45-7:15 PM (Note: Office Hours are held in Mana’opono 114 unless arranged otherwise) 
TELEPHONE: 236-9281 (leave message), 842-8924 (day) or 221-7507 text 
email: kimlynne@hawaii.edu  
EFFECTIVE DATE: January 2012

<table>
<thead>
<tr>
<th>CRN</th>
<th>DAYS</th>
<th>MEETING TIMES</th>
<th>CLASSROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>64064</td>
<td>T TH</td>
<td>5:30 – 6:45 PM</td>
<td>Mana’opono 114</td>
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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 represents approximately half of a typical year algebra course. Topics include real numbers and their properties, linear equations and inequalities in one variable, the coordinate plane, linear systems in two variables, and exponents.

STUDENT LEARNING OUTCOMES

Students will be able to:

1. Utilize precise mathematical language and symbols in written and/or oral form.
2. Demonstrate proficiency in performing operations with rational numbers, and variable expressions.
3. Interpret equations/inequalities geometrically and find solutions to equations/inequalities algebraically.
4. Use algebraic techniques to analyze and solve applied problems.
5. Find slope and apply it to finding the equation of a line.
6. Utilize introductory function concepts.

Course Tasks

The mode of instruction is primarily discussion-problem solving where the initial portion of each class period may be utilized to discuss and clarify any questions from the preceding class
meeting and/or assignment, and the remaining portion is used to discuss new material. Lectures, group work, and in-class problems will be utilized. After the completion of each unit, a review and an exam will be given.

In-Class Tasks
Students shall engage in class discussions, problem solving both at his/her desk and at the front board and explore new material during the class meetings. Students shall work both individually, as well as in small groups to develop critical thinking skills.

COURSE CONTENT

Concepts or Topics

• The Real Number System
• Linear Equations and Inequalities in One Variable
• Linear Equations and Inequalities in Two Variables
• Functions
• Systems of Linear Equations and Inequalities
• Exponents

Skills or Competencies

Success in this course will be enhanced by:

1. developing a positive, inquiring attitude towards learning mathematics;
2. setting aside adequate time for studying and working through problem sets.
3. reading textbook carefully and make use of other learning materials whenever necessary;
4. seeking assistance from the instructor and the Math Lab personnel whenever necessary;
5. completing assignments by the designated due date;
6. attending class regularly;
7. participating in class discussions and taking accurate notes.

Assessment Tasks and Grading

The student will demonstrate competency in the objectives via assignments, unit exams and a final exam over concepts and skills covered in the entire course. Exams are to be taken within the classroom environment and without any references unless otherwise stipulated by the instructor. The student must achieve a minimum of 70% of the possible points for each unit exam and a minimum of 60% of the possible points for the final exam. Without these two minimum requirements, a passing grade for the course is not possible.

Grades for this course are based on the following:

80% Total Possible Points    Exams (5 Chapter exams and 1 final exam, note: final exam weighs approximately twice that of a Chapter exam)
15% Total Possible Points    Homework (written and online assignments)
Course activities include, but are not limited to, homework problems and in-class activities.

RETEST

- Retests are offered to students for Chapter Exams. Anyone may take a retest to improve his/her grade. However, students scoring less than 70% of the points on a chapter/unit exam MUST take the retest.
- The higher of the two exam scores will be used towards the semester grade.
- Students requesting to take a retake test must first go online to www.mathxl.com and take the Retake Ticket assignment posted by the instructor prior to taking the retake test. Students must score an 80% or higher on this Retake Ticket assignment before he/she is eligible for the retake test. NOTE: The online software MathXL is part of the purchase of a new textbook, Beginning Algebra Volume 1 or may be purchased separately online.
- Retests are given at The Testing Center (TCC), Alaka'I 106 AND must be pre-arranged with the instructor before taken.
- Retests must be completed before the deadline given on the Course Calendar. Students are given approximately one week to complete the retest.
- Retest for the final exam is offered to students that score less than 50%. The maximum grade awarded for the final exam retest is 60%.

MAKE UP EXAMS for students missing the original exam date.

- Make Up exams are offered ONLY to students with valid excuses for missing the original exams.
- Valid excuses must be submitted to the instructor in writing, via email or in person at least 24 hours before the scheduled exam.
- Make Up exams are given at TTC and must be completed before the same deadline dates as the retests.
- Students requesting a Make Up exam must complete the online retake ticket assignment prior to taking the Make Up exam.
- The instructor reserves the right to refuse the opportunity of a make up exam if she feels the student is abusing the privilege.

Each letter grade for the course will be assigned according to the level of achievement as provided in the table below:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Definition</th>
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<tbody>
<tr>
<td>A</td>
<td>90% - 100% of the cumulative points possible</td>
</tr>
<tr>
<td>B</td>
<td>80% - 89% of the cumulative points possible</td>
</tr>
<tr>
<td>C</td>
<td>70% - 79% of the cumulative points possible</td>
</tr>
<tr>
<td>D</td>
<td>60% - 69% of the cumulative points possible</td>
</tr>
<tr>
<td>F</td>
<td>Less than 60% of the cumulative points possible</td>
</tr>
<tr>
<td>CR</td>
<td>70% - 100% of the cumulative points possible</td>
</tr>
<tr>
<td>NC</td>
<td>Less than 70% of the cumulative points possible</td>
</tr>
<tr>
<td>N</td>
<td>See Below</td>
</tr>
<tr>
<td>W</td>
<td>Official Withdrawal</td>
</tr>
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Incomplete - given when a student has failed to complete a SMALL part of the course due to circumstances beyond his/her control.

CR/NC grades require written instructor consent. Students must apply for CR/NC grading option at the Admissions Office by the posted deadline.

W grade is given only when the student officially withdraws from the course at the Admissions Office by the posted deadline.

**Learning Resources and Materials**

*Beginning Algebra, 11th ed.*, by Lial, Hornsby, & McGinnis  
[www.mathxl.com](http://www.mathxl.com)  
Math Lab – Tutoring services available Monday-Friday 8 AM – 5:30 PM in Mana’opono 113

**Additional Information**

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](mailto:lemke@hawaii.edu), or you may stop by Hale ‘Akoakoa 213 for more information.