Math 24 ELEMENTARY ALGEBRA I (3 Credits)

CRN 62067  T R 8:15 – 9:30 A.M. ; Classroom: Manaopono 114
CRN 62070  MWF 10:30 – 11:20 A.M. ; Classroom: Manaopono 115

INSTRUCTOR:  Wei-Ling Landers
OFFICE:  Manaopono 105
OFFICE HOURS:  WF 9:25 – 10:25 & T R 9:45 – 11:15, other hours by appointment
TELEPHONE:  236-9283    Fax: 247-5362 Attn: W. Landers
EFFECTIVE DATE:  Fall 2009

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.

Activities Required at Scheduled Times Other Than Class Times
Homework; Conference with instructor; Math Lab work; Computer Assignments, or any activity that the student must complete outside of regularly scheduled class time.

It is expected that students spend, at the minimum, 9 hours per week outside of class time studying and doing homework for this class.

STUDENT LEARNING OUTCOMES
The student learning outcomes are:

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.
Assessment Tasks and Grading
The student will demonstrate competency in the objectives via assignments, in-class activities, quizzes, departmental unit exams and final exam over concepts and skills covered in the entire course.

The student must achieve a minimum of 70% of the possible points for each unit exam. Furthermore, the student must achieve a minimum of 60% of the possible points for the final exam. Without these two minimum requirements, a passing grade and credit for the course is not possible.

The course grade tentatively will be evaluated as following: (Instructor reserves the right to make some adjustment if needed.)

- Assignments/in-class activities/ quizzes: 200 points. 25%
- Four Unit Exams (100 points @): 400 points. 50%
- Final Exam: 200 points. 25%
- Total possible points: 800 points

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

Note: Cr/NC, W grades require written instructor consent. Students must apply for Cr/NC grading option or withdraw at the Admissions Office by the 10th week of classes.

Learning Resources and Materials
- Fall2009 Math24 Lecture Notes, by Weiling Landers

A 3-ring binder is required to organize all handouts, which will be checked irregularly.

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.