MATH 25 – ELEMENTARY ALGEBRA II (3 Credits)

INSTRUCTOR: Kimlynne Lee Slagel
OFFICE: Mana’opono 110A
OFFICE HOURS: Tuesday 5:00 pm – 5:30 pm
              Thursday 6:45 pm – 7:15 pm
TELEPHONE: 842-8924
EMAIL: kimlynne@hawaii.edu
TEXT: 221-7507
EFFECTIVE DATE: Spring 2014

<table>
<thead>
<tr>
<th>CRN</th>
<th>DAYS</th>
<th>MEETING TIMES</th>
<th>CLASSROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>60095</td>
<td>T/TR</td>
<td>5:30pm – 6:45pm</td>
<td>Mana’opono 113</td>
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WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai‘i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide O’ahu’s Ko‘olau region and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

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. (3 hours lecture)

Pre-Requisite(s): Grade of “C” or better in MATH 24 or MATH 28 or equivalent, satisfactory math placement test score, or consent of instructor.

STUDENT LEARNING OUTCOMES

1. Utilize precise mathematical language and symbols in written and/or oral form.

2. Demonstrate proficiency in performing operations with whole numbers, fractions, mixed numbers, decimal numbers, integers, real numbers, and variable expressions.

3. Utilize fundamental properties to solve equations.

4. Use algebraic techniques to analyze and solve applied problems.

5. Employ mathematical formulas to determine measurements in geometric figures.

6. Apply concepts and principles of percents to solve applied problems.

Note: All SLOs assessment are embedded in class activities, homework, quizzes, or Exams.
LEARNING RESOURCES

REQUIRED TEXTS: *Beginning Algebra*, 11\textsuperscript{th} ed., by Lial, Hornsby, & McGinnis and *My Math Lab*

Note: *My Math Lab* includes an electronic version of *Beginning Algebra*

MATH LAB: Located in the Library

THE TESTING CENTER (TTC): Located in the Library—phone number 235-7498

Activities Required at Scheduled Times Other Than Class Times

Reading the text; studying the material; homework; consultation with instructor & The Testing Center if necessary.

It is expected that students spend, at the minimum, 6 hours per week outside of class time studying and doing homework and readings for this class.

Responsibilities of Students

Success in this course will be enhanced by:

1. A positive, inquiring attitude toward mathematics;
2. Setting aside enough time for studying, working on problems and thinking about the material;
3. Reading the text carefully, making use of other learning materials whenever necessary and taking class notes;
4. Seeking assistance from the instructor, the SI, and the Math Lab whenever necessary;
5. Regularly attending class. In case of an absence, obtaining all assignments and completing them by the designated date.

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 or quiz will be conducted.

ASSESSMENT TASKS & GRADING

The student will demonstrate competency in the objectives via assignments, unit exams, quizzes 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:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>5 chapter exams,</td>
<td>40-60 points</td>
<td>80%</td>
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<tr>
<td>final exam</td>
<td>150 points</td>
<td></td>
</tr>
<tr>
<td>class activities</td>
<td>5 points/class meeting</td>
<td>5%</td>
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<tr>
<td>homework</td>
<td>10 points/assignment</td>
<td>15%</td>
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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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<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>
<tr>
<td>I</td>
<td>Incomplete - given when a student has failed to complete</td>
</tr>
<tr>
<td></td>
<td>a SMALL part of the course due to circumstances beyond</td>
</tr>
<tr>
<td></td>
<td>his/her control</td>
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Note: CR/NC grades require written instructor consent. Students must apply for CR/NC grading option at the Admissions Office by the posted deadline.

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

ADDITIONAL INFORMATION

ABSENCES
It is your responsibility to attend class. You are responsible for any important announcements or assignments given during the class you missed. If you are absent frequently or for an extended period of time, contact the instructor as soon as you can to discuss your situation.

MAKE-UP POLICY
If you unexpectedly must be absent on an exam day, notify me by 4 pm via voicemail, email or text message. State the reason for the absence. If the reason is justified then a make-up exam will be scheduled. The instructor has the right to determine if the reason for the absence is justified and to request documentation of the student’s absence. If no notice is received or if the reason is not justified, then a score of zero will be given for the missed exam.

There are no make-up opportunities for missed in-class activities.

RETESTS
After each exam, a retest deadline will be posted. One retest is allowed.
without penalty for each exam if it is done by the posted deadline. The better of the two test scores will count towards your grade.

To take a retest:
a) Review mistakes made on the first form of the test taken.
b) Inform the instructor of your intent to retake the exam in a timely manner so that a make up exam may be placed into the TTC.

HOMEWORK
After reading through each section carefully, based on what you understood from your reading, you should do as many of the homework problems from those sections as you can. Those problems and concepts that you do not understand should be asked about during class. **You may need to do more than the assigned homework problems to become comfortable with the concepts and skills.**

Homework assignments are worth 10 points each. Homework must be turned in **at the beginning of the class every Tuesday.** There is a 30% penalty for late homework.

GRADING
A summary of your Grade will be printed out and given to individual students after each chapter exam is graded. To receive full credit on exams and graded homework, you must show sufficient work in a clear and organized manner. It helps me determine where your errors are (hence, you might be able to obtain partial credit) and if you are logically applying the mathematical tools learned to solve the given problem. Your work must be neat and organized. "Messy" and/or disorganized work will not receive full credit.

CELL PHONES
Please put your phone on silent or turn it off prior to the start of class.

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**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.*