MATH 103 – COLLEGE ALGEBRA (4 Credits)

INSTRUCTOR: Kimlynne Slagel
OFFICE: Mana`opono 110A
OFFICE HOURS: Tuesday and Thursday 4:35 – 5:20 PM (held in Mana`opono 113)
TELEPHONE: (808) 236-9281 (office), text message via “Remind: Math 103” see below
EMAIL: kimlynne@hawaii.edu

EFFECTIVE DATE: August 2017

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>61275</td>
<td>T R</td>
<td>5:30 – 7:20 PM</td>
<td>Mana`opono 113</td>
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</tbody>
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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.

COURSE DESCRIPTION

Linear equation, inequalities, systems of equations, polynomial functions, fractional expressions and equations, exponents, powers, roots, quadratic equations and functions; rational, exponential and logarithmic functions. (4 hrs. lecture)

PREREQUISITES: The prerequisites for Math 103 are C or better in MATH 25, 26, 29, 82 or equivalent, co-requisite enrollment in Math 88, satisfactory math placement test score, or consent of instructor.

LEARNING RESOURCES & MATERIALS

REQUIRED MATERIALS:

LEARNING RESOURCES:
- Connect Math https://www.connectmath.com Use Course Code NC4KT-WEA63 “Math 103 Fall 2017-61275”
- Math Lab: La’akea (Library Learning Commons) Room 226 http://windward.hawaii.edu/About_WCC/Math_Lab/index.php
- Supplemental Instructor Katherine Bronston
- Testing Center: La’akea (Library Learning Commons) Room 228, Phone number 235-7498 http://windward.hawaii.edu/Testing_Center/index.php
- Kahn Academy Videos: http://www.khanacademy.org
STUDENT LEARNING OUTCOMES

1. Graph or interpret algebraic relations that are relevant to the topics in this course.
2. Employ algebraic techniques to find the solutions to equations or inequalities, or systems of equations or inequalities appropriate to the level of this course.
3. Use algebraic techniques to analyze and solve applied problems.
4. Utilize precise mathematical language and symbols to effectively communicate mathematics in written and/or oral form.

Note: All SLO assessments are embedded in class activities, homework, quizzes, or Exams.

FOUNDATION HALLMARKS

Math 103 fulfills 4 credits of the General Education requirements (Foundations: Symbolic) for both an A.A. degree at WCC and a Bachelor’s degree at UH Manoa. Consequently, it meets the hallmarks of the symbolic reasoning requirement.

1. Students will be exposed to the beauty, power, clarity and precision of formal systems.
2. Instructors will help students understand the concept of proof as a chain of inferences.
3. Instructors will teach students how to apply formal rules or algorithms.
4. Students will be required to use appropriate symbolic techniques in the context of problem solving, and in the presentation and critical evaluation of evidence.
5. The course will not focus solely on computational skills.
6. Instructors will build a bridge from theory to practice and show students how to traverse this bridge.
**COURSE TASKS & GRADING**

Current Grades are distributed individually after each chapter exam.

<table>
<thead>
<tr>
<th>Midterms (3)</th>
<th>Weighted 70% of semester grade</th>
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</thead>
<tbody>
<tr>
<td>Course Activities</td>
<td>Weighted 15% of semester grade</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Weighted 15% of semester grade</td>
</tr>
</tbody>
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Course Activities may include, but are not limited to:

- Homework problems
- In-class activities

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>
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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 C</td>
</tr>
<tr>
<td>70% - 79%</td>
<td>of the cumulative points possible D</td>
</tr>
<tr>
<td>60% - 69%</td>
<td>of the cumulative points possible</td>
</tr>
<tr>
<td>F</td>
<td>Less than 60% of the cumulative points possible</td>
</tr>
<tr>
<td>N</td>
<td>See below</td>
</tr>
<tr>
<td>CR</td>
<td>70% or above of the cumulative points possible</td>
</tr>
<tr>
<td>NC</td>
<td>Less than 70% of the cumulative points possible</td>
</tr>
<tr>
<td>W</td>
<td>Official Withdrawal</td>
</tr>
<tr>
<td>I</td>
<td>See below</td>
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Note: The N grade indicates that the student has worked conscientiously, attended class regularly, finished all work, fulfilled course responsibilities, and has made measurable 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.

The N grade is an optional grade that instructors do not have to give. All requests for the N grade must be submitted by the student in writing and is contingent upon the instructor’s approval.

Note: CR/NC grades require written instructor consent. Students must apply for CR/NC grading option at the Admissions Office by the posted deadline. If a student does not apply for CR/NC grading option at the Admissions Office by the required deadline and if s/he does not withdraw, a letter grade (A, B, C, D, F, N) will be assigned for the course.

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

Note: The I grade is a temporary grade given at the instructor’s option when a student has failed to complete a small part of a course because of circumstances beyond his or her control. A student may qualify for the I grade if (a) they are unable to take the final exam and (b) taking the final exam could possibly raise their course grade. The I grade is given by student request and must be
Grading

ADDITONAL INFORMATION

ABSENCES
It is your responsibility to attend class. If you are absent, you are responsible for any important announcements or assignments given during the class you missed. It is your responsibility to meet with your instructor to review any missed lecture material. You may drop in during posted office hours or make an appointment to meet one-on-one. Please do not send email requests for missed lecture material. If you are absent frequently or for an extended period of time, contact the instructor as soon as you can to discuss your situation. Frequent absences could negatively impact your grade.

MAKE-UP POLICY
If you are unable to attend class on an exam day, discuss your situation with the instructor as soon as possible before the exam day. It may be possible for you to take the exam earlier than the specified day/time. If you unexpectedly must be absent on an exam day, notify me by 4:00 pm via voicemail or email. If notification is received and the reason is justified then a make-up exam will be scheduled. The instructor reserves the right to request documentation to determine whether the absence is justifiable. For each student, NO MORE THAN ONE make-up exam may be taken. There are no make-up opportunities for missed homework, graded in-class activities or other graded course activities.

TEXT MESSAGES
Students who want to receive announcements or communicate with the instructor via text messages may enroll into “REMIND: Math 103” by texting @789f9h to the number 81010. Follow the instructions to input your first and last names phone number. This is a group text. ALL phone numbers will be hidden and only the instructor will see your name.

CALCULATORS
No calculators are allowed on exams. A calculator or the online calculator site DESMOS.com may be used on homework as needed.

EXAMS
There are no retests for exams. The final exam is cumulative.

HOMEWORK
There is one homework assignment per textbook section.

2) Assigned graded problems (mostly from the textbook) to turn in.
   a) 10 points for each assignment
   b) Must be turned in at the start of Tuesday’s class
   c) Up to 3 points deducted for late submission

Assignments and due dates are posted on a master calendar provided at the beginning of the semester. Homework Assignments are given out at the beginning of each Chapter.

GRADING
To receive full credit for problems done on exams or graded homework, you must show sufficient work in a clear and organized manner. Your work must be neat and organized. “Messy” and/or disorganized work will not receive full credit.
CELL PHONES & OTHER DEVICES
Cell phones should be silenced and put away prior to the start of class. However, other electronic devices such as laptops and iPads will be used in class, periodically, to access the online calculator site DESMOS.

DISRUPTIVE BEHAVIOR & ACADEMIC HONESTY
Please respect your fellow students and act accordingly. If a student takes part in disruptive behavior, the instructor reserves the right to exclude the student immediately from the class meeting. Examples are activated cell phones, texting, making offensive remarks, prolonged chattering, reading other materials not relevant to the class, smokeless cigarettes, etc.

All quizzes and exams must be done by your own individual effort. You may not consult with any classmates while taking quizzes or exams. This would fall under the guidelines of academic integrity and any evidence of cheating will result in a score of 0 for all parties involved. An “F” will be assigned to students involved in cheating and will be reported to the Dean. See http://windward.hawaii.edu/Policies/ for more information on the UH system-wide student conduct code.

Graded homework assignments may be discussed with your classmates and you may seek guidance from the instructor, the Math Lab tutors, the Trio tutors (if you are a Trio client), or the SIL (if assigned to your course). However, the write up of the solution for each problem must be done on your individual effort.

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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, or you may stop by Hale ‘Akoakoa 213 for more information, or visit http://windward.hawaii.edu/Disabilities/