

## MATH 25 – ELEMENTARY ALGEBRA II (3 Credits)

INSTRUCTOR: Jody-Lynn Storm  
OFFICE: Mana‘opono 105  
OFFICE HOURS: MTRF 10:30 am – 11:30 am and by appointment  
TELEPHONE: (808) 236 – 9277  
EMAIL: [jstorm@hawaii.edu](mailto:jstorm@hawaii.edu)  
EFFECTIVE DATE: Summer 2015

CRN	Days	Time	Classroom
64023	MTRF	8:30 am – 10:20 am	Mana‘opono 114

### *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

MATH 25 represents the second course in a two course sequence covering elementary algebra topics. Topics include properties of exponents; operations on polynomials; factoring; rational expressions and equations; roots and radicals; quadratic equations; and applications. (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.

### LEARNING RESOURCES & MATERIALS

#### REQUIRED MATERIALS:

- Textbook: Beginning Algebra, 11th edition, by Lial, Hornsby and McGinnis.
  - The Student Solution Manual is optional
- If preferred you may use the ebook that comes with the MyMathLab Access Code
  - Register online at <http://pearsonmylabandmastering.com/?cc>
  - Use Course ID: **storm89903**

#### LEARNING RESOURCES:

- Testing Center: La‘akea (Library Learning Commons) Room 228  
Phone number 235-7498  
[http://windward.hawaii.edu/Testing\\_Center/index.php](http://windward.hawaii.edu/Testing_Center/index.php)
- Supplemental Instruction (SI): Shaynalynn Ah Sam  
Email: [sahsam@hawaii.edu](mailto:sahsam@hawaii.edu)
- Kahn Academy Videos: <http://www.khanacademy.org>

## COURSE TASKS & GRADING

Grades are posted on the Laulima gradebook. Grades for this course are based on the following course tasks:

5 exams @ 100 pts ea	500 pts	(57% of possible pts)
Course Activities:		
Homework	155 pts	(18% of possible pts)
In-class Activities	45 pts	(5% of possible pts)
Final Exam	170 pts	(20% of possible pts)
Total	870 pts	

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

<u>Letter Grade</u>	<u>Definition</u>
A	90% - 100% of the cumulative points possible
B	80% - 89% of the cumulative points possible
C	70% - 79% of the cumulative points possible
D	60% - 69% of the cumulative points possible
F	Less than 60% of the cumulative points possible
N	See below
CR	70% or above of the cumulative points possible
NC	Less than 70% of the cumulative points possible
W	Official Withdrawal
I	See below

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 approved by the instructor.

## STUDENT LEARNING OUTCOMES

Upon completion of the course, the student will be able to:

1. Utilize precise mathematical language and symbols in written and/or oral form.
2. Demonstrate proficiency in performing operations with real 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.
6. Demonstrate proficiency in the use of the rules of exponents and its applications to scientific notation.
7. Employ algebraic techniques to factor a polynomial. Graph a linear equation in two variables, find slope and apply it to finding the equation of a line.

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

## ADDITIONAL 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.

### MAKE-UP POLICY

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

### EXAMS

**Chapter Tests.** The five chapter tests are given in class at the end of each chapter. A chapter test will be 75 minutes in length. The student must achieve a minimum score of 70%. Without this minimum requirement, a passing grade for the course is not possible.

**Retests.** After each chapter test, a chapter retest deadline will be given. One retest is allowed without penalty for each chapter test if it is done by the specified retest deadline. The better of the two test scores will count towards your grade.

**Final Exam.** The final exam is cumulative. The student must achieve a minimum score

of 60%. Without this minimum requirement, a passing grade for the course is not possible. Retesting for the final exam is available if the 60% minimum is not met and the 70% minimum per chapter test was met. In that event, a retest of the final exam is possible, however, the maximum score of the retest is 60%.

### CALCULATORS

No calculators are allowed on exams.

### HOMEWORK

There is one homework assignment per textbook section. Each assignment is worth 5 points. Late homework is worth 3 points. **You may need to do more than the assigned homework problems to become comfortable with the concepts and skills.**

### SUPPLEMENTAL INSTRUCTION (SI)

SI sessions are optional. For each hour of SI one point will be added to the course activity portion of your grade. Points earned cannot exceed the maximum of 200 points.

### 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 and other electronic devices, such as laptops and ipads, should be silenced and put away prior to the start of class.

### 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**, etc.

All exams must be done by your own individual effort. You may not consult with any classmates while taking 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. See <http://windward.hawaii.edu/Policies/> for more information on the UH system-wide student conduct code.

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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, or visit <http://windward.hawaii.edu/Disabilities/>*

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## TENTATIVE SCHEDULE – MATH 25

SUMMER 2015 – STORM

MTRF 8:30 am – 10:20 am

	MONDAY		TUESDAY		THURSDAY		FRIDAY
MAY 25	No Class	MAY 26	Orientation 5.1, 5.2, 5.3	MAY 28	5.3, 5.4, 5.5	MAY 29	5.5, 5.6, 5.7
JUN 1	Exam Review <b>Exam – Ch5</b>	JUN 2	6.1, 6.2	JUN 4	6.3, 6.4	JUN 5	6.5, 6.6 Ch5 retest deadline
JUN 8	Exam Review <b>Exam – Ch6</b>	JUN 9	7.1, 7.2, 7.3	JUN 11	7.3, 7.4, 7.5	JUN 12	7.5, 7.6, 7.7 Ch6 retest deadline
JUN 15	Exam Review <b>Exam – Ch7</b>	JUN 16	8.1, 8.2, 8.3	JUN 18	8.3, 8.4, 8.5	JUN 19	8.5, 8.6, 8.7 Ch7 retest deadline
JUN 22	Exam Review <b>Exam – Ch8</b>	JUN 23	3.2, 3.3	JUN 25	3.4, 9.1	JUN 26	9.3, 9.5 Ch8 retest deadline
JUN 29	Exam Review <b>Exam – Ch3,9</b>	JUN 30	Final Exam Review	JUL 2	Ch3,9 retest deadline <b>Final Exam</b> <b>8:30am – 10:20am</b>	JUL 3	No Class

### IMPORTANT DATES

**5/27/2015** Last day to register

**5/27/2015** Last day to receive 100% tuition refund

**6/1/2015** Last day to receive 50% tuition refund

**6/1/2015** Last day to drop (No "W" on transcript)

**6/16/2015** Last day to withdraw from class ("W" on transcript)