

## MATH 28 – DEVELOPMENTAL MATHEMATICS II (3 Credits)

INSTRUCTOR: Jody-Lynn Storm  
OFFICE: Mana’opono 105  
OFFICE HOURS: MTWR 10:00 am – 11:00 am  
F 10:30 am – 11:30 am and by appointment  
TELEPHONE: (808) 236 – 9277  
EMAIL: [jstorm@hawaii.edu](mailto:jstorm@hawaii.edu)  
WEBPAGE: <http://www.jodystorm.com>  
EFFECTIVE DATE: Spring 2014: 1/13 – 3/14

CRN	Days	Time	Classroom
60600	MTWRF	11:30 am – 12:45 pm	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

This course is a continuation of Developmental Mathematics I and a preparation for students to take Math 100, Math 101 or Philosophy 110 to fulfill the Symbolic Reasoning requirement. Topics include an introduction to Real numbers (including basic roots, signed numbers and properties) and algebraic expressions (including geometric formulas), linear equations and inequalities in one variable, linear equations and inequalities in two variables, and selected topics - Quadratic Formula, parabola, systems of equations and inequalities, scientific notation, and variation.(3 hours lecture)

Pre-Requisite(s): Grade of “C” or better in MATH 19, MATH 21 B, MATH 22 or MATH 24 or equivalent; satisfactory math placement test score, or consent of instructor.

### STUDENT LEARNING OUTCOMES

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

1. Demonstrate proficiency in the skills and competencies for this level of mathematics.
2. Apply concepts and principles to solve applied problems related to the topics covered in this course.
3. Utilize precise language and symbols in written and oral forms.

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

## LEARNING RESOURCES & MATERIALS

### REQUIRED MATERIALS:

- *Beginning Algebra* 11<sup>th</sup> ed., by Lial, Hornsby and McGinnis.
  - The student solution manual is optional

### LEARNING RESOURCES:

- Supplemental Instruction Leader: Justin Lum  
Email: lumj8@hawaii.edu
- The Testing Center (TTC): 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)
- Math Center: Mana'opono 103
- WCC Math Lab: La'akea (Library Learning Commons) Room 226  
[http://windward.hawaii.edu/Math\\_Lab/](http://windward.hawaii.edu/Math_Lab/)
- Brainfuse Online Tutoring: <http://windward.hawaii.edu/brainfuse/>
- OLA (UH Online Tutoring): <http://manoa.hawaii.edu/ola/>
- 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:

4 Module tests @ 100 pts ea	400 pts	(54% of possible pts)
Exit Exam	150 pts	(20% of possible pts)
Course Activities:		
Homework	132 pts	(18% of possible pts)
In-class activities	58 pts	(8% of possible pts)
Total	740 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.*

## 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 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. **There are no make-up opportunities for graded in-class activities.**

### CALCULATORS

Calculator use is not allowed on exams.

### EXAM RETEST POLICY

In order to pass this course **a minimum score of 70% must be achieved on each module test and a minimum of 60% on the exit exam.** Because of this requirement a

retest is available for each module test as well as the exit exam. A meeting with the instructor is required before each retest.

### HOMEWORK

Homework assignments are worth up to 4 points each. Homework is graded on completeness, neatness and accuracy. Late homework is worth 2 points.

### SUPPLEMENTAL INSTRUCTION (SI)

For each hour of SI one point will be applied to the course activity portion of your grade. Points cannot exceed the maximum of 190 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 ELECTRONIC DEVICES

Cell phones and electronic devices should be silenced and put away prior to the start of class.

### DISRUPTIVE BEHAVIOR

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.

### ACADEMIC HONESTY

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.

Graded homework assignments may be discussed with your classmates and you may seek guidance from the instructor, 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](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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**MATH 28 – TENTATIVE SCHEDULE**  
**STORM – SRING 2014      MTWRF 11:30 AM – 12:45 PM**

Important Dates	
JAN 14	Last day to register/add/drop and to receive 100% refund of tuition
JAN 24	Last day for 50% refund of tuition and to withdraw without a "W" grade.
FEB 18	Last day to withdraw with a "W" or choose CR/NC grade option. Last day to make up "I" grade from previous semester

	Monday		Tuesday		Wednesday		Thursday		Friday
JAN 13	Orientation	JAN 14	1.4, 1.5	JAN 15	1.6, 1.7	JAN 16	1.8, G1	JAN 17	G2, G3
JAN 20	<b>No Class</b> Martin Luther King Day	JAN 21	G4	JAN 22	G5	JAN 23	Module 5 Exam Review	JAN 24	<b>Module 5 Exam</b>
JAN 27	2.1	JAN 28	2.2	JAN 29	2.3	JAN 30	2.4	JAN 31	2.5
FEB 3	2.6	FEB 4	2.7	FEB 5	2.7, 2.8	FEB 6	2.8	FEB 7	Module 6 Exam Review
FEB 10	<b>Module 6 Exam</b>	FEB 11	3.1	FEB 12	3.2	FEB 13	3.3	FEB 14	3.3, 3.4
FEB 17	<b>No Class</b> President's Day	FEB 18	3.4	FEB 19	3.4, 3.5	FEB 20	3.5	FEB 21	Module 7 Exam Review
FEB 24	<b>Module 7 Exam</b>	FEB 25	5.3	FEB 26	4.1, 4.2	FEB 27	4.3	FEB 28	4.4
MAR 3	4.5	MAR 4	8.2	MAR 5	9.3	MAR 6	9.5	MAR 7	<b>No Class</b> Excellence in Education
MAR 10	7.8	MAR 11	Module 8 Exam Review	MAR 12	<b>Module 8 Exam</b>	MAR 13	Final Exam Review	MAR 14	<b>FINAL EXAM In testing center</b>
MAR 17		MAR 18		MAR 19		MAR 20		MAR 21	
MAR 24	<b>Spring Recess</b>	MAR 25	<b>Spring Recess</b>	MAR 26	<b>Spring Recess</b>	MAR 27	<b>Spring Recess</b>	MAR 28	<b>Spring Recess</b>