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
WEBPAGE: http://www.jodystorm.com
EFFECTIVE DATE: Fall 2013

CRN Days Time Classroom
64571 MW 1:00 pm – 2:15 pm Mana‘opono 114
64596 MW 1:00 pm – 2:15 pm Mana‘opono 114

Note: This is part of the Math 28/Math 100 Combo course.
Students enrolled in CRN 64571 must also be registered for MATH 100 CRN 64572.
Students enrolled in CRN 64596 must also be registered for MATH 100 CRN 64597.

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:
- WCC Textbook Bundle containing:
  - *Thinking Mathematically* (loose leaf) 5th ed., by Blitzer
  - Guided Study Workbook (loose leaf)
  - MyMathLab Access Code. Register online at http://pearsonmylabandmastering.com with course ID: storm96067

LEARNING RESOURCES:
- Supplemental Instruction Leader: Michelle Muromachi
- Testing Center: La'akea (Library Learning Commons) Room 228
  - Phone number 235-7498
- Math Center: Mana’opono 103
- WCC Math Lab: La’akea (Library Learning Commons) Room 226
  - 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:

<table>
<thead>
<tr>
<th>Task</th>
<th>Points</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Module Tests @ 100 pts ea</td>
<td>400 pts</td>
<td>(55% of possible pts)</td>
</tr>
<tr>
<td>Exit Exam</td>
<td>150 pts</td>
<td>(20% of possible pts)</td>
</tr>
<tr>
<td>Course Activities</td>
<td>180 pts</td>
<td>(25% of possible pts)</td>
</tr>
<tr>
<td>Total</td>
<td>730 pts</td>
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</tr>
</tbody>
</table>

Course Activities include: MyMathLab assignments, in-class problems, homework problems

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 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>
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<tr>
<td>D</td>
<td>60% - 69% of the cumulative points possible</td>
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<tr>
<td>F</td>
<td>Less than 60% of the cumulative points possible</td>
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<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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</tbody>
</table>
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. The instructor reserves the right to request documentation to determine whether the absence is justifiable. There are no make-up opportunities for graded in-class activities.

CALCULATORS
Calculator use is not allowed on exams.

EXAMS
To take a module test, 100% must be scored on the MyMathLab assignments for the given module. The exit exam is cumulative. The exit exam will be taken in the testing center.

RETEST POLICY
In order to pass this course a minimum score of 80% must be achieved on each module test and a minimum of 70% 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
There is one homework assignment per workbook section. Homework assignments are worth 4 points each. Homework is graded on completeness, neatness and accuracy. Each workbook assignment must be turned in on a separate sheet of paper.

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 180 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
Electronic devices should be silenced 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.

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

**MATH 28 / MATH 100 COMBO COURSE**  
**FALL 2013 – STORM**  
**MTWR 1:00 pm – 2:15 pm**

<table>
<thead>
<tr>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
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<tbody>
<tr>
<td>AUG 26</td>
<td>Orientation</td>
<td>AUG 27</td>
<td>WB:PRST</td>
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<tr>
<td>SEP 2</td>
<td>No Class</td>
<td>SEP 3</td>
<td>AUG 28</td>
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<td></td>
<td>Labor Day</td>
<td>SEP 4</td>
<td>WB:PRST</td>
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<tr>
<td>SEP 9</td>
<td>Math 100:</td>
<td>SEP 10</td>
<td>AUG 29</td>
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<tr>
<td></td>
<td>Review &amp; Quiz Ch 8</td>
<td>SEP 11</td>
<td>Independent Study</td>
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<tr>
<td>SEP 16</td>
<td>B6.2, B6.3</td>
<td>SEP 17</td>
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</tr>
<tr>
<td>SEP 23</td>
<td>Exam Review</td>
<td>SEP 24</td>
<td>Math 28: Exam Module 5</td>
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<tr>
<td>SEP 30</td>
<td>L2.5, L2.6</td>
<td>OCT 1</td>
<td>SEP 25</td>
</tr>
<tr>
<td>OCT 7</td>
<td>Math 28:</td>
<td>OCT 2</td>
<td>L2.1, L2.2</td>
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<tr>
<td></td>
<td>Exam Module 6</td>
<td>OCT 3</td>
<td>SEP 26</td>
</tr>
<tr>
<td>OCT 14</td>
<td>L3.5</td>
<td>OCT 4</td>
<td>L2.3, L2.4</td>
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<tr>
<td>OCT 21</td>
<td>L4.2, L4.3</td>
<td>OCT 5</td>
<td>Exam Review</td>
</tr>
<tr>
<td>OCT 28</td>
<td>L7.8</td>
<td>OCT 6</td>
<td>Math 28: Exam Module 7</td>
</tr>
<tr>
<td>NOV 4</td>
<td>Math 28: Exit Exam in Testing Center</td>
<td>NOV 5</td>
<td>OCT 17</td>
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<tr>
<td>NOV 11</td>
<td>No Class</td>
<td>NOV 6</td>
<td>Math 28: Final Exam Review</td>
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<td>Veteran's Day</td>
<td>NOV 7</td>
<td>L5.3, L4.1</td>
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<td>NOV 18</td>
<td>Exam Review</td>
<td>NOV 12</td>
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<tr>
<td>NOV 25</td>
<td>11.4, 11.5</td>
<td>NOV 13</td>
<td></td>
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<tr>
<td>DEC 2</td>
<td>Exam Review</td>
<td>NOV 14</td>
<td></td>
</tr>
<tr>
<td>DEC 9</td>
<td>12.4</td>
<td>NOV 15</td>
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<tr>
<td>DEC 16</td>
<td>DEC 17</td>
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**Important Dates**

- **AUG 30**: Last day to register/add/drop and to receive 100% refund of tuition
- **SEP 16**: Last day for 50% refund of tuition and to withdraw without a "W" grade.
- **NOV 4**: Last day to withdraw with a "W" or choose CR/NC grade option
  Last day to make up "I" grade from previous semester
- **DEC 17**: **MATH 100 FINAL EXAM 1:00 pm - 3:00 pm**
  Last day to withdraw with a "W" or choose CR/NC grade option
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- **DEC 18**: **Math 100: Final Exam Review**

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