DEVELOPMENTAL MATHEMATICS  
DMAT 0310.63432(93422)  
SPRING 2015  
01/20/15 – 03/19/15

Professor: Kumars Ranjbaran  
Email: kranjb_math@dcccd.edu  
Office Phone Number: (214) 860 – 8854  
Office Number: W191b  
Office Hours: TBA  
Meeting Days & Time: Online  
Room Number: N/A  
Credit Hours: 3 semester hours

Division: Business, Computer Science and Mathematics  
Office Hours: M – R 7:30 am – 6:00 pm, F- 7:30 am – 5:00 pm  
Office Phone: 214-860-8645  
Office Number: W210

Both Mountain View College and your instructor reserve the right to make modifications in content, schedule, and requirements as necessary to promote the best education possible within prevailing conditions affecting this course.

Course Description: This course is a study of relations and functions with special emphasis on linear and quadratic expressions and equations, including complex solutions. Also covered are absolute value, polynomial, radical and rational expressions and equations, and linear and absolute value inequalities.  
Course Pre-requisites: An appropriate assessment test score or DMAT 0305.

Course Materials/Supplies Needed  
Required: Student Kit by Pearson is called MyMathLab. This may be purchased through Follett Bookstores http://www.efollett.com, or you may purchase this software online by going to http://www.coursecompass.com

BEGINNING & INTERMEDIATE ALGEBRA SOLUTION MANUAL (ISBN# 9780321715654)
Course ID: ranjbaran35063

Student Learning Outcomes
Upon successful completion of this course, students will:

1. Define, represent, and perform operations on real and complex numbers.
2. Recognize, understand, and analyze features of a function.
3. Recognize and use algebraic (field) properties, concepts, procedures (including factoring), and algorithms to combine, transform, and evaluate absolute value, polynomial, radical, and rational expressions.
4. Identify and solve absolute value, polynomial, radical, and rational equations.
5. Identify and solve absolute value and linear inequalities.
7. Connect and use multiple strands of mathematics in situations and problems, as well as in the study of other disciplines.

Course Outline:
Chapter 6 Rational Expressions and Applications
Chapter 7 Graphs, Linear Equations, and Functions
Chapter 9 Inequalities and Absolute Value
Chapter 10 Roots, Radicals, and Root Functions
Chapter 11 Quadratic Equations, Inequalities, and Functions

Evaluation Procedures:

Instructor Attendance Policy:
Students are expected to attend all classes. Students have the responsibility to attend class and to consult with the instructor when an absence occurs. If for some reason you must leave class early, you should inform the instructor prior to the start of class of your reason for leaving early.

Students must begin attendance in all classes of enrollment. No exceptions. Financial Aid will not be granted to students who have been certified as not attending, by the certification date. For this lecture course, your physical participation in class, on or before the certification date will allow you to receive credit for FA purposes. For certification dates, check with the division or FAO for further information. Students, who are not certified as beginning class, are responsible for any payments due as a result of non-certification, to include the dropping of courses.

Assessment & Evaluation Procedures of Course Learning Outcomes
Evaluation, Grading, & Expectations

COURSE GRADE
The course grade is determined by the following components:
1. Homework
1. HOMEWORK:
Homework is the most important learning tool in a course. Once you log in to Coursecompass.com, you should follow these steps: 1. Click on DMAT-0310, on the left hand side. 2. Click on the DO HOMEWORK tab, and you will see the list of your homework assignment with the due date next to each assignment. There is no penalty for making mistakes when you are working on your homework problems. As long as you click on the similar exercises tab, and you solve the problem correctly, you will receive the full credit for that problem. You have up to 3 chances, to receive the full credit for the problems.

2. PRACTICE TESTS:
Practice Tests are uploaded into MyMathLab. After you have taken and passed the practice test, then you are ready to take a test. There are a total of 4 PRACTICE TESTS, and you are allowed to take each of the practice tests up to 3 times, and your highest score will be recorded.

Your practice Tests are all online, and in order for you to take them you should go to Coursecompass.com, and click on Take a Test tab. Please, use the planner, on the last page of this syllabus to make sure about the due date of these tests. You are able to print your Practice Test, after completing of your first attempt. One of the lowest Practice test grades will be Dropped.

3. TESTS:
There will be 3 major tests, in addition to a comprehensive final exam.
Your Tests are all online, and in order for you to take them you should go to Coursecompass.com, and click on Take a Test tab. Please, use the planner, on the last page of this syllabus to make sure about the due date of these tests. One of the lowest Test grade will be dropped.

THE DUE DATES ARE SET IN STONE, FOR PRACTICE TESTS, AND THE TESTS!!!

COMPUTING YOUR GRADE:
The course grade will be determined as follows:
Homework: 25%
Practice Tests: 15%
Tests: 60%

FORMULA:
Course Grade = (H.W. * 0.25) + (Ave. of Practice Tests * 0.15) + (Ave. Tests * 0.60

Grading Scale:
90-100 = A
80-89 = B
Late Work Policy:  
None

Makeup Exam Policy:  
None.
Unless in emergency cases, such as Natural disaster, Hospitalization, and etc…
For every one of these cases, a proper documentation is required for granting a Makeup Exam.

Electronic Devices:  
Scientific Calculator.

Certification Procedures: (For Online Courses)  
Please, reply to this email(kranjb_math@dcccd.edu), by the CENSUS DAY, which is Tuesday, January 27th, 2015, with the following information:

1. First and last name, as it appear in your admission enrollment papers.
2. An alternate email address, if it is available
3. A phone number, and a time that I can reach you. If you are not in the Central Zone, please indicate your time Zone.

DROP POLICY  
You are expected to participate in class regularly. You need to consult with the instructor when absences (course inactivity) are necessary for any extended period of time. If you are unable to complete this course, you must officially withdraw by Friday March 3, 2015. Withdrawing is a formal procedure which you must initiate; your instructor cannot do this for you.

The process can be done by mail or email, however, if started soon enough. You must call the counseling center from your home campus. For Mountain View students that is 214-860-3632. Be sure to e-mail your instructor if you have questions or concerns before dropping the course. Students registered through the Dallas TeleCollege (open enrollment) can find drop information under the "admissions" section of the TeleCollege web page.

If you stop participating and do not withdraw, you will receive a performance grade, usually an F. If you are considering dropping this class, please discuss it with me or with a counselor. Often there are other alternatives. We want to help you explore all the alternatives before you drop the course.

All Dallas County Community Colleges charge a higher tuition rate to students registering the third time for a course. This rule applies to the majority of credit and Continuing Education / Workforce Training courses. Developmental Studies and some other courses are not charged a higher tuition rate. Third attempts include courses taken at any DCCCD college since the fall 2002 semester. For further information, go online to: http://www.DCCCD.edu/thirdcourseattempt .

The withdraw date for this class is Monday, January 5th, 2015.
Academic Dishonesty:
Students that caught plagiarizing an assignment will be subject to an “F” in the course and possible expulsion from the college.

Academic honesty is expected, and integrity is valued in the Dallas County Community Colleges. Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog. More information is available at https://www1.dcccd.edu/catalog/ss/code.cfm.

Institution Policies: Please visit http://www.mountainviewcollege.edu/Academics/Documents/Institutional%20Policies.pdf for a complete list of institutional policies (Stop Before You Drop; Withdrawal Policy; Repeating a Course; Financial Aid; Academic Dishonesty; Americans with Disabilities Act Statement; Religious Holidays; and Campus Emergency Operation Plan and Contingency Plan.).

---

Course Calendar

**DMAT – 0310 – 63432/93422**

**Online**

**Mr. Ranjbaran**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PREPARING FOR MyMathLab</strong></td>
<td><strong>PREPARING FOR MyMathLab</strong></td>
<td><strong>PREPARING FOR MyMathLab</strong></td>
<td><strong>Sections: 6.1, and 6.2</strong></td>
<td><strong>Sections: 6.2, and 6.3</strong></td>
<td><strong>Sections: 6.4, and 6.6</strong></td>
<td><strong>Census Date</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Practice Test # 1 (Ch. 6) Is Available. Anywhere with computer, and internet access</td>
<td>Practice Test # 2 (Chapters: 7, and 9) Is Available. Anywhere with computer, and internet access</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td>Census Date</td>
<td>January 27, 2015</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
</tr>
<tr>
<td>Practice Test, and Test # 1 (Ch. 6) Is Due. Anywhere with computer, and internet access</td>
<td>Section: 7.2</td>
<td>Sections: 7.3</td>
<td>Section: 9.1</td>
<td>Section: 9.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practice Test # 2 (Chapters: 7, and 9) Is Available. Anywhere with computer, and internet access</td>
<td>Test # 2 (Chapters: 7, and 9)</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
</tr>
<tr>
<td>Date</td>
<td>Assignment Details</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 16, 2015</td>
<td>Practice Test, and Test # 2 (Chapters: 6, and 7) Is Due. Anywhere with computer, and internet access.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 17, 2015</td>
<td>Sections: 10.2, and 10.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 18, 2015</td>
<td>Section: 10.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 19, 2015</td>
<td>Sections: 10.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 20, 2015</td>
<td>Sections: 10.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 21, 2015</td>
<td>Sections: 10.7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 22, 2015</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 23, 2015</td>
<td>Practice Test # 3 (Chapter: 10) Is Available. Anywhere with computer, and internet access.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 24, 2015</td>
<td>Test # 3 (Chapter: 10) Is Available. Anywhere with computer, and internet access.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 25, 2015</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 26, 2015</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 27, 2015</td>
<td>Preparing For your Practice Test, and Test Assignments Last Day to Withdraw With W.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 28, 2015</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>March 1, 2015</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Practice Test, and Test # 3 (Chapter: 10) Is Due. Anywhere with computer, and internet access.</td>
<td>Sections: 11.1, and 11.3</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Practice Test for Comp. Final Exam. Is Available.</td>
<td>Test for Comp. Final Exam. Is Available.</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
</tr>
<tr>
<td>SPRING BREAK</td>
<td>SPRING BREAK</td>
<td>SPRING BREAK</td>
<td>SPRING BREAK</td>
<td>SPRING BREAK</td>
<td>SPRING BREAK</td>
<td>SPRING BREAK</td>
</tr>
<tr>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td>All Homework assignments are due today</td>
<td>Practice Test, and Test for Comp. Final Exam. Is Due.</td>
<td></td>
<td>Final Grade Will be Posted by Midnight.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>