This course syllabus is intended as a set of guidelines for College Algebra. 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.

Instructor Information:
INSTRUCTOR: Kumars Ranjbaran
OFFICE: W274
E-MAIL: KRanjb_math@dcccd.edu
PHONE: (214) 860 - 8854

Please be advised that the last day of this class is Wednesday, October 17th, 2012.

Make sure to email your instructor, including the information below at least once, before the CENSUS DATE: Saturday, September 1st, so your name will not be reported to the Financial Aid office, as a No Show.

In order for us to be able to communicate in a timely manner, please make a signature block for your emails as follows:
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.
As an online student, you must check your email, and read the announcement on either eCampus, or MyMathLab every couple of days. The typos are unavoidable, and not taking your test on time, because you did not read the announcement is not a valid reason.

**Required or Recommended Textbooks and Materials**

Course Materials:

*Required:* Interactive Mathematics: College Algebra Student Kit by Pearson is called MyMathLab. This may be purchased through Follet Bookstores [http://www.efollett.com](http://www.efollett.com), or you can purchase this software online by going to [http://www.coursecompass.com](http://www.coursecompass.com), (Total cost is approximately $75.00).


*Optional:* The SOLUTION MANUAL (ISBN# 9780132348355).

**Course Information**

**Course ID:** ranjbaran26888

You must download the TestGen Player prior to taking your tests. You must have a backup computer (at friends, and family), if in case yours does not work during the test days. Do not rely on taking your test at work places, since some companies do not let you download TestGen Player or other software. Do wait until the last day to take your Practice test. In an online class your worst enemy is procrastination.

The technical issues are not valid excuses for you not to take the tests on time.

**Remember the Test dates are not going to be postponed.**

- **TestGen Player** plug-in - Needed to view and take online TestGen tests in CourseCompass.

**Credit hours:** Three (3)

**Class meeting time:** Anytime day or night / online, and please keep in mind that this course is 100% on line, no campus activity is required.
Course description: This course is a study of relations and functions including polynomial, rational, exponential, logarithmic, and special functions. Other topics include variation, complex numbers, systems of equations and inequalities, theory of equations, proofs, and applications.

Course prerequisites: DMAT-0093 or DMAT-0099 (Intermediate Algebra), or other appropriate math assessment score.

Hardware/Software Requirements:

Minimum Computer Configuration needed for Interactive Mathematics can be confirmed by going to the eCampus classroom at http://ecampus.dcccd.edu. Choose to "preview" as a guest if you are not yet in the eCampus system.

Technical support number for eCampus is 972-669-6402
Technical support for Interactive Mathematics is at http://www.coursecompass.com/html/student_support.html

Or 1-800-677-6337

Student Support is available: M – F: 8:00 – 8:00 Eastern time
Sunday: 5:00 – 12:00.
Closed on Saturday.

Do I need to install any special software or plug-ins?
Some courses offer videos, animations, and other multimedia to help you learn. To use this multimedia material, you may need to download and install additional software (for example, QuickTime). You can open your course to see what kind of additional software it requires, if any. Note that some software may not work in all browsers.

Depending on your course, you may be prompted to install:

- The player window that you use to answer questions online, such as the MathXL Player, the MyEconLab Player, and so on.
- Adobe® Flash™ - Needed to run the player window in most courses and to view some tutorial videos.
- Adobe® Reader® - Needed to view online CourseCompass guides and other PDF documents.
- Adobe Shockwave® - Needed to view animations in some courses.
• **Apple® QuickTime®** - Needed to view the tutorial videos and animations that accompany your course, or hear audio files in any of 30 audio, video, and image formats, including Flash.
• **Java™ plug-in** - Needed to view the Virtual Classroom and Chat sessions in CourseCompass.
• **RealNetworks® RealPlayer™** - Needed to watch streamed media animations in some courses.
• **TestGen Player** plug-in - Needed to view and take online TestGen tests in CourseCompass.

**Calculators:**
The following note is for those that do not have a calculator, or having technical issues with their computers.
You will be allowed to use calculators on all tests. Graphing calculators (such as the TI-83 or TI-84 Plus) are recommended. You may check out a TI-84 calculator for all the Tests at Mountain View College. Please keep in mind that a limited number of calculators are available at each campus. Please verify the calculator policy for other campuses by calling the appropriate testing center.

**Course Objectives**
*The objective* of the mathematics component of the core curriculum is to develop a quantitatively literate college graduate. Every college graduate should be able to apply basic mathematical tools in the solution of real-world problems.

* To develop a further understanding of the processes used in learning mathematics.
* To understand the factors which can interfere with learning and methods of dealing with those factors.
* To continue to build the algebraic skills necessary for future courses and the skills utilized in a career or other endeavor.
* To develop an understanding of and an appreciation for the importance of mathematical literacy.
* To develop an awareness of the value and use of mathematics in a wide variety of careers.
* To develop calculation skills needed to solve rational, exponential, logarithmic and special functions.
* To develop skills necessary to graph lines, parabolas, square root, polynomial, logarithmic and exponential functions.
* To develop calculation skills necessary to solve inequalities.
* To develop an understanding of basic theories of equations.

**Exemplary Educational Objectives**
All core mathematic courses must include a majority (greater than or equal to four) of the seven Exemplary Educational Objectives (EEO) listed below.

1. To apply arithmetic, algebraic, geometric, higher-order thinking, and statistical methods to modeling and solving real-world situations.
2. To represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically.
3. To expand mathematical reasoning skills and formal logic to develop convincing mathematical arguments.
4. To use appropriate technology to enhance mathematical thinking and understanding and to solve mathematical problems and judge the reasonableness of the results.
5. To interpret mathematical models such as formulas, graphs, tables and schematics, and draw inferences from them.
6. To recognize the limitations of mathematical and statistical models.
7. To develop the view that mathematics is an evolving discipline, interrelated with human culture, and understanding its connections to other disciplines.

http://www.dcccd.edu/Employees/Departments/EA/Academic+Programs/Core+Curriculum/Faculty+Resources/

Student Learning Outcome:

After successful completion of this course the student will be able to:

SLO 1: Solve linear and non-linear equations and inequalities.

SLO 2: Identify function types.

SLO 3: Solve function equations.

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

COURSE GRADE
The course grade is determined by the following components:
1. Homework
2. Practice Tests
3. Tests, and Final Exam

1. HOMEWORK:
Homework is the most important learning tool in a course. Once you login to Coursecompass.com, you should follow these steps: 1. Click on MATH - 1314, 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 mistake 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 3 chances, to receive the full credit for the problems.

**Free Tutoring:**
*Tutoring Centers at any of the Dallas Community Colleges.*

**LEARNING CENTER HOURS:** Located at the Mountain View College in room W170.
- Mon - Thurs. 8:00 a.m. - 9:00 p.m.
- Friday 8:00 a.m. - 4:30 p.m.
- Saturday 8:00 a.m. - 5:00 p.m.
- Sunday 1:00 p.m. – 5:00 p.m.

---

**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. 
**In order for you to be able to take your tests you must pass the practice tests with a score of 70 or above. If you have attempted the practice test 3 times, and none of them is 70 or higher, then you are not able to take the test, related to that practice test, otherwise your Test grade will be zero (this situation occur very, very rarely). After your first attempt, you should be able to print the your Practice Test.**

Your practice Tests are all online, and in order for you to take them you should go to [Coursecompass.com](http://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.**

**THE DUE DATES ARE SET IN STONE!!! Please do not request for these due dates to be changed!!!**

---

**3. TESTS:**
There will be **3 major tests** and a comprehensive final exam.
**In order for you to be able to take your tests you must pass the practice tests with a score of 70 or above. If you have attempted the practice test 3 times, and none of them is 70 or higher, then you are not able to take the test, related to that practice test, otherwise your Test grade will be zero (this situation occur very, very rarely). After your first attempt, you should be able to print the your Practice Test.**

Your Tests are all online, and in order for you to take them you should go to [Coursecompass.com](http://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 grades will be Dropped.

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

III. 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)
The Gradebook listed under "Tools" on Coursecampus will show your exam grades and the class average for that exam.

Please keep in mind that MyMathLab does not reflect your true average of the course grade. You must use the above formula to find out you actual grade in this class. In MyMathLab, the entire assignments grade that has not been attempted is being considered as a 100. At the end of the term, all of the none attempted assignments will be set to Zero, and the true grade for the course will be calculated.
A none attempted assignments, in the above means the ones you have not worked on, at all.

Course Grade is interpreted as follows:

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>60-69</td>
<td>D</td>
</tr>
<tr>
<td>59 or less</td>
<td>F</td>
</tr>
</tbody>
</table>

The instructor reserves the right to make changes in the course requirements as needed throughout the semester. Students will be notified via email of any changes that are to be made. If an adjustment occurs in the number of points that can be generated, the course grade grid will be altered accordingly.

SENDING EMAILS

Be sure to put "Math – 1314 - Section # - LAST NAME- " in the subject line for all emails you send. There are several internet classes going on at the same time. By doing this you will be saving yourself and the instructor a lot of time. Also, please include your first and last name in the message of the email.
You must indicate which class you are enrolled in, in the subject area.
Responding to over 120 students online, can get frustrating without indicating
the proper information.
Your proper first and last name, and the course name and # are vital.
Your student ID is no help.
Emails without this proper information will not be replied, in a timely manner.

ATTENDANCE & PARTICIPATION
Attendance, and participation are an important part of your success. Attendance will be marked
each week. We expect you to be participating in your homework assignment 4 times a week for the
short term(3 or 4 weeks) classes, and 3 times a week for the long term(10 or 16 weeks) classes.

INSTITUTIONAL POLICIES

ACADEMIC DISHONESTY
The Student Code of Conduct prohibits academic dishonesty and prescribes penalties for violations.
According to this code, which is printed in the college catalog, "academic dishonesty", includes (but is
not limited to) cheating, fabrication, facilitating academic dishonesty, plagiarism, and collusion".
Academic dishonesty may result in the following sanctions, including, but not limited to:
1. A grade of zero or a lowered grade on the assignment or course.
2. A reprimand.
3. Suspension from the college.

NOTIFICATION OF ABSENCE DUE TO RELIGIOUS HOLY DAY(S)
Students who will be unable to work on this class due to the observance of a religious holiday must notify
the instructor in advance. Please refer to the Student Obligations section of the college catalog for more
explanation. You are required to complete any assignments or take any examinations missed as a result
of the absence within the time frame specified by your instructor.

REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT
Mountain View College and the Office of Special Services are committed to upholding the laws and the
spirit of Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA)
signed in 1990. If you have any questions, please call 214-860-8691.

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 October 5th, 2012. Withdrawing is a formal
procedure which you must initiate; your instructor cannot do it 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"
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.

FINANCIAL AID STATEMENT
Students who are receiving any form of financial aid should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate are also subject to this policy.

To apply for financial aid in the DCCCD, students must complete FAFSA (Free Application for Federal Student Aid) on the web at http://www.fafsa.ed.gov.

COUNSELING SERVICES
Counseling services for personal issues are provided to all students currently enrolled at Mountain View College. These services are provided by licensed professionals who are bound by confidentiality (within ethical parameters) at no charge. With the assistance of a counselor, students are able to identify, understand, resolve issues and develop appropriate skills. To make an appointment call 214-860-3632 or visit W154.

STOP BEFORE YOU DROP
For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: https://www1.dcccd.edu/coursedrops.

TSI INFORMATION
TSI (Texas Success Initiative) is the state required assessment program that has replaced TASP. The purpose of TSI is to insure students have the skills to be ready for college level coursework.

TSI completion of all areas (reading, math and writing) is required before being awarded a degree. Based on the first testing score, some students may need to re-test in order to complete TSI requirements.

CLASSROOM POLICIES
Most students in an online course do not come to campus. However, all students are welcome to come to
Mountain View College and make use of the Learning Skill Center in W170. No Food or Drink is allowed in the Center.

Core Curriculum Intellectual Competencies
This course reinforces one of the 6 Core Curriculum Intellectual Competencies defined by the Texas Higher Education Coordinating Board. The CCI identified by the DCCCD which is reinforced by College Algebra is as follows:

CRITICAL THINKING: Critical thinking embraces methods of applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies.

All your homework is due Tuesday October 16\textsuperscript{th}, 2012, by midnight.

The following is a suggested schedule for you to be ready to take your Tests, and practice Tests on time.
You can do one or five sections per day, depending on your own pace.

Math – 1314 – 6430/9024
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>Syllabus, and Planner</td>
<td>Sections: 1.1, and 1.2</td>
<td>Sections: 1.3, and 1.4</td>
<td>Sections: 1.5, and 1.6</td>
<td>Sections: 2.1, and 2.2</td>
<td>Sections: 2.3, and 2.4</td>
<td>Sections: 2.5</td>
</tr>
<tr>
<td>Practice Test # 1, (Chs. 1 and 2) Is Available. Anywhere with computer, and internet access)</td>
<td>Test # 1, (Chs. 1 and 2) 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>
<td>Preparing For your Practice Test, and Test Assignments</td>
</tr>
<tr>
<td>Practice Test, and Test # 1, (Chs. 1 and 2) Is Due. Anywhere with computer, and internet access)</td>
<td>Sections: 3.2</td>
<td>Section: 3.3</td>
<td>Section: 3.4, and 3.5</td>
<td>Section: 4.1, and 4.3</td>
<td>Section: 4.5</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>Practice Test # 2 (Chapters: 3, and 4)</td>
<td>Test # 2 (Chapters: 3, and 4)</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>Section: 5.1</td>
</tr>
<tr>
<td>Is Available. Anywhere with computer, and internet access)</td>
<td>Is Available. Anywhere with computer, and internet access)</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 # 2 (Chapters: 3, and 4)</td>
<td>Section: 5.2</td>
<td>Section: 5.3</td>
<td>Section: 5.4</td>
<td>Section: 5.5</td>
<td>Section: 5.6</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
</tr>
<tr>
<td>Is Due. Anywhere with computer, and internet access)</td>
<td></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 # 3 (Chapter 5)</td>
<td>Test # 3 (Chapter 5)</td>
<td>Section: 6.1</td>
<td>Section: 6.2, and 6.3</td>
<td>THE LAST DAY TO DROP WITH “W” Preparing For your Practice Test, and Test Assignments</td>
<td>Section: 6.4, and 6.5</td>
<td>Preparing For your Practice Test, and Test Assignments</td>
</tr>
<tr>
<td>Is Available. Anywhere with computer, and internet access)</td>
<td>Is Available. Anywhere with computer, and internet access)</td>
<td></td>
<td></td>
<td>Preparing For your Practice Test, and Test Assignments</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>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>October 8, 2012</td>
<td><strong>Practice Test, and Test # 3 (Chapter 5) Is Due. Anywhere with computer, and internet access)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 9, 2012</td>
<td><strong>Section: 6.6, and 6.7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 10, 2012</td>
<td><strong>Preparing For your Practice Test, and Test Assignments</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 11, 2012</td>
<td><strong>Practice Test for Comp. Final Exam. Is Available.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 12, 2012</td>
<td><strong>Test for Comp. Final Exam. Is Available.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 13, 2012</td>
<td><strong>Preparing For your Practice Test, and Test Assignments</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 14, 2012</td>
<td><strong>Preparing For your Practice Test, and Test Assignments</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 15, 2012</td>
<td><strong>Preparing For your Practice Test, and Test Assignments</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 16, 2012</td>
<td><strong>All Homework assignments are due today</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 17, 2012</td>
<td><strong>Practice Test, and Test for Comp. Final Exam. Is Due.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 18, 2012</td>
<td><strong>Final Grade Will be Posted on econnect by Midnight.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 19, 2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 20, 2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 21, 2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>