

MAT 1033C – Intermediate Algebra

Course Syllabus

CRN	My MathLab ID	Class Meeting Times:	Room	Final Exam Date and Time

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Office Hours

Course Description

Intermediate Algebra presents algebraic skills for MAC 1105. Topics include: linear equations and inequalities in two variables and their graphs, systems of linear equations and inequalities, introduction to functions, factoring, algebraic fractions, rational equations, radicals and rational exponents, complex numbers, quadratic equations, scientific notation, applications of the above topics and the communication of mathematics. Applications emphasizing connections with other disciplines and the real world will be included.

Required Materials

- 1) Intermediate Algebra, 6th edition, by Elayn Martin-Gay
- 2) MyMathLab Course Compass Student Access Kit:
 - A MyMathLab Student Access Kit is included with a new book purchase in the Valencia bookstore.
 - If you purchase a used text, or a new text from a source other than the Valencia bookstore, then you may need to purchase a MyMathLab student access kit as a standalone item.
- 3) Calculator:

In an effort to increase your skills in the use of technology, this course will include some activities and examinations that will require the proper use of scientific calculators. Therefore, scientific calculators are required in this course. If you plan to continue studying mathematics, you might consider purchasing a TI-84 Plus graphing calculator now, as it is the most frequently used model in the "Gordon Rule" math courses. If you are receiving financial aid it may be possible to utilize some of your funds to purchase your calculator. Check with the financial aid office for more information.

Resources

- Your instructor is interested in your success in this class. Please ask questions regularly!
- Many students of algebra find it extremely helpful to form study groups with their classmates. This practice is highly recommended.
- The West Campus Math Center is being renovated this term. During the renovation, learning support for mathematics can be found in
 - 7-240 (required Open Lab and Math Connections),
 - 7-240 (materials for check-out with your VCC identification card), and
 - 7-240 (walk-in tutoring for mathematics).

These facilities are open from 8:00 a.m. to 8:00 p.m. Monday through Thursday, 8:00 a.m. to 12:00 p.m. Friday, from 10:00 a.m. to 3:00 p.m. Saturday.

- Peer tutors in 7-240 are available for walk-in assistance, no appointment necessary. Tutors have been trained to use techniques that help you become an independent learner. They have been instructed to guide you through the problem solving process and utilize the materials you have available through your course. They may help you by asking open-ended questions, walking you through examples in your text, or (hopefully on rare occasions) using pencil and paper to show you how to solve a problem similar to one you are working on. Since the tutors' goal is to help you become an independent learner, they will let you do the work as much as possible. The learning process requires a regular investment of your time, and patience is the key.
- If you purchased a new text, you received a Student Access Kit for the MyMathLab software with it. It is also possible to purchase a student access kit for MyMathLab separately in the bookstore or online. Please take your MyMathLab Student Access Kit with you to your Open Lab orientation. You will use the software as part of your lab experience.
- The Math Connections, located this term in 7-255, is a learning community for increasing mastery of the math competencies associated with your course. Various instructors work with and coach community members according to a posted schedule. Visit early; visit often!

Class Policies

Attendance

- You are expected to attend every class meeting, unless an illness or emergency makes it impossible for you to do so.
- Absences are excused solely at the discretion of the instructor, who may require that you prove the existence of extenuating circumstances before excusing any absence(s).

- You are responsible for any information and/or assignments given during class, whether you are present or not.
- In-class activities can't be "made up." If you are absent on a day that an in-class activity occurs for credit or extra credit, your grade is likely to be adversely affected.
- You are expected to be in class on time, and to remain in class for the entire period unless permission to leave early has been granted by the instructor. It is disruptive to arrive or depart while class is in session.

Conduct

- You are encouraged to actively participate and ask pertinent questions during class. Courtesy will be observed at all times.
- Your attitude will greatly affect your ability to succeed in this course. It will also affect your classmates' attitudes should you choose to participate in class discussions. Always consider this carefully before you speak or act.
- Cell phones, pagers, or other devices that are audible are not permitted to be on during class. Texting is not permitted during class. Unplug yourself and make the most of class time! Personal electronic devices disrupt your learning as well as the learning of other students.
- To create a good environment for learning, avoid sidebar conversations with other students while work is being done at the board, rude comments or remarks, raised voices or confrontational comments. Follow instructions given by your instructor, who serves as your classroom manager.
- If your actions in class are deemed by your instructor to be disruptive, you will be asked to leave class immediately. If you are ever asked to leave class, you may be permitted to return to future class meetings after consultation with your instructor outside of class. You may also be required to arrange a conference with another college official before a determination is made on whether you will be attending class again.

Academic Honesty:

- Plagiarism or cheating of any form will be cause for **immediate removal from this class, a course grade of F and referral of this incident to the Dean of Student Affairs/Mathematics**. Cheating is defined by any behavior that can be construed as cheating such as blatant cheating, looking at somebody's paper, talking or whispering during a test, copying (including all take-home activities, examinations, and/or homework assignments), use of a cellular phone or other electronic device without prior permission, suspicious behavior, or failing to follow appropriate procedures for taking a test as prescribed by the instructor. **SIMPLY stated, cheating will not be tolerated.**

Grading

- Partial credit on tests and assignments is sometimes given, when appropriate, solely at the discretion of the instructor.
- Grades will not be disclosed over the telephone or via e-mail, except through your Atlas account.
- You must meet with the instructor if you wish to discuss your grade.

Homework

- Completion of homework on a regular basis is crucial to your success in this course.
- Problems from the text will be assigned for completion before each class meeting. You are encouraged to seek assistance from the instructor if you encounter difficulties with the assigned problems or visit the Open Lab, 7-240 or Math Connections, 7-255.

Testing

- You must complete each test within the time allotted during the class period.
- Every test score will be used in the computation of your progress test average. There are no “dropped” test scores.
- If you have excused absences for more than one progress test, you will be given make-up tests according to a schedule specified by your instructor for all but the first progress test missed.
- It is your responsibility to make a timely request for an excused absence should you miss a test. If you do not request an excused absence for a missed test, or your request for an excused absence is denied, you will receive a zero on that test.
- All materials in your work area during testing, including electronic memory, are subject to thorough and unannounced inspection by the instructor.
- Failure to take the Comprehensive Final Exam will result in a grade of F.

Make-Up Policy: There are **NO make-up examinations** unless you are absent due to a legitimate reason approved by the instructor or a valid emergency circumstance such as an illness or death in the family. Obligations to work, child care, traffic conditions, or being sick with no documentation are not considered excused absences and make-up examinations due to these reasons will NOT be permitted! All make-up examinations should be completed immediately upon return to class. **If your absent is unexcused or timely notice was not given, you will receive a zero for any missed tests, quizzes, or in-class assignments.**

Lab Component

The lab is designed to enhance your learning experience as you master the algebraic skills needed to successfully complete MAT 1033C. Each chapter that you learn from your textbook is accompanied by a lab activity.

Grading

Your Lab Grade will be worth 10 – 15% of your total course grade. The Lab grade itself is comprised of two components:

- a) Attendance Requirement
- b) Lab Assignment Requirement

Attendance Requirements

Each student must spend 50 minutes or more each week in the Math Lab as well as any additional time needed during open lab hours to work on Lab assignments. It should take 1-2 weeks to complete each Lab assignment.

Fall & Spring Semesters

Full term: 50 minutes per week
week
TWK: 60 minutes per week
week

Summer Semester

Full term: 60 minutes per
week
Summer A or B: 120 minutes per
week

Math Center Hours:

Monday-Thursday: 8:00 am to 8:00 pm

Friday: 8:00am to 7:00 pm

Saturday: 10:00am to 3:00 pm.

Sundays: Closed

The Lab Assignments Requirements

Two platforms will be used in this course: Blackboard and MyMathLab.

- The steps and videos to the assignments can be found in Blackboard by clicking on the Lab Activity Chapter folders.
- The assessment of the assignments will be completed in MyMathLab by clicking on Quizzes & Tests after logging into your course.
- Each lab activity has 4 parts, as outlined below.
- By printing up this syllabus you will have printed up all lab project worksheets and necessary Math Learning Plans (MLPs).

Lab Activity Steps

Steps 1 & 2 can be found in Blackboard and can be completed at home!

Step 1 (Optional, but highly recommended): View Icebreaker Video, concept videos, and Animations

Icebreaker Video

This is a clip from a movie or TV show that relates to your project. *You should do this before coming into the Math Lab.*

Concept Videos and Animations

Three of four concept videos or animations from each section should be viewed.

- The links to each video or animation is provided in Blackboard under the appropriate Lab Activity button.
- **The videos or animations are reviewing course material that you will need to know in order to complete the project portion of the lab successfully.**
- Use the designated area on the MLP (Math Learning Plan) to reflect what you have learned from viewing the videos and/or animations.

Step 2 (Required): Complete Lab Project Worksheets

- Each project will ask a series of questions that cover the material that you learned in the course and applies it to real-life scenarios.
- *It is recommended that you begin working on this before coming into the Math Lab to better utilize your time while there. Complete anything you have not finished while in the Math Lab, and ask Math Center instructors for help as necessary.*

Step 3 (Required): Complete Project Self-Check

The Project Self-Check will give you feedback on your answers to the project worksheet questions. You must go to the Math Connections room (7-255) or Hands On (7-256) to check your answers. A Math Center Instructor will provide you the answer key. After revision, the Math Center instructor will stamp your lab project and sign the MLP.

- Upon completing the Project Self-Check ask a Math Center Instructor for assistance if needed.
- **This component is graded as complete or incomplete and comprises 50% of the lab assignment grade.**

Repeat steps 1, 2, and 3 until you feel confident with the material. No minimum score is required for the project self-check for you to move onto the next step, but the better you understand the material on the above steps, the better you should do with the assessment in step 4!

Step 4: Complete Lab Activity Assessment in MyMathLab

Step 4 can be found in MyMathLab and must be completed in the West Campus Math Lab (7-241).

You must show your current chapter's Math Learning Plan (MLP) and completed worksheets to a Math Center Instructor, who will then give you access to a password protected Lab Assessment in MyMathLab located under Quizzes & Tests. The Lab Activity Assessment will quiz you on the material you learned from the project worksheets, and Self-Check. **No assistance is permitted during the Lab Assessment!**

- You must take the assessment in the West Campus Math Lab (7-241). Math Center Instructors will input the password in MyMathLab after they check the Math Learning Plan.
- Once the Lab Activity Assessment is completed, you must ask a Math Center Instructor to record the respective grade in the Math Learning Plan.
- You will have 3 attempts to complete this assessment of the required (70%) or desired score. A Math Center Instructor must sign each attempt!
- This component is graded by your score on the assessment and comprises 50% of the lab assignment grade.

Withdrawal

- The deadline to withdraw from class with a grade of "W" is **November 7, 2014** (11:59 PM on atlas) for full-term classes. During the first or second attempt in the same course at Valencia, if you withdraw or are withdrawn by the professor, before the Withdrawal Deadline, you will receive a W (Withdrawn). You will not receive credit for the course, and the W will not

be calculated in your grade point average; however, the enrollment will count in your total attempts in the specific course. If you do not withdraw prior to the Withdrawal Deadline or fail to take the required final examination, the professor will assign your grade based on your performance in the course at the time of withdrawal.

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- Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the withdrawal deadline of June 27, 2014, will receive a grade of "W." A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of "W." Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of "F." For a complete policy and procedure overview on Valencia Policy 4-07 please go to:
<http://valenciacc.edu/generalcounsel/policydetail.cfm?RecordID=75>.

Special Accommodations

- Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities (West Campus SSB 102, extension 1523).
- **Student Resource for Assistance:** Valencia College is interested in making sure all our students have a rewarding and successful college experience. To that purpose, Valencia students can get immediate help with issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management as well as relationship problems dealing with school, home or work. BayCare Behavioral Health Student Assistance Program (SAP) services are free to all Valencia students and available 24 hours a day by calling (800) 878-5470. Free face-to-face counseling is also available.

Course Grade Determination Guidelines

<u>Component</u>	<u>Weight</u>
Chapter Tests	50 - 60%
Comprehensive Final Exam	15 - 20%
Lab	15%
Homework Quiz	10 - 15%

Failure to take the Comprehensive Final Exam will result in a grade of F.

The following scale will be used for graded assignments as well as for computation of the course grade:

90 - 100%	A
80 - 89.9%	B
70 - 79.9%	C
60 - 69.9%	D
Below 60%	F

Scores on all tests and assignments will be rounded to the nearest percent. End-of-term averages are rounded to the nearest tenth of a percent.

Valencia Community College wants graduates to possess and demonstrate a set of global competencies including the ability to **THINK, COMMUNICATE, VALUE AND ACT**. In an effort to help you acquire and improve your ability to demonstrate the competencies this course will include activities that require you to:

1. Think clearly, critically and creatively.
2. Communicate with others in written and verbal form.
3. Make reasoned value judgments and responsible commitments.
4. Act purposefully, reflectively and responsibly.

Other policies & Information:

Computer/Equipment Use Policy: This course relies on the use of technology to aid in your learning. You are expected to check Blackboard and your e-mail at least once before class to ensure that you have the most current information. Computers are available on campus if you do not own one. If you experience any technical issues, call the support number below.

Blackboard Help Desk: (407)-582-5600 or onlinehelp@valenciacollege.edu

OIT Help Desk: (407)-582-5554

E-mail Communication Policy: The instructor will only correspond with you through your atlas e-mail only. Students are expected to check their atlas e-mail daily. The instructor may send updates, announcements, changes, etc. to your atlas e-mail. Students are responsible for all messages sent to your atlas e-mail by the instructor. The instructor will not correspond with any other e-mail account, PDA, or cell phone. All e-mail correspondence must originate from your Valencia account. Grades are

discussed by appointment only or through your atlas e-mail. All e-mail by students and the instructor should be respectful and professional. Students should identify their name, class that they are in, and a complete message using respectful language, complete sentences, and proper grammar. A subject line is mandatory.

Valencia ID card: Your student ID card can be obtained in the Student Development office on any Campus once you have registered and paid for your classes. You will need your student ID card to access campus services such as the Library and Testing Center. The first student ID card is free. There is a \$5 fee for a replacement card. Student IDs can be used for library access, testing purposes and discounts in the community.

Changes in the syllabus, schedule, and/or assignments for this class may be made at the discretion of your instructor.

MAT 1033C Homework Assignments
Intermediate Algebra, 6th Edition by Elayn Martin-Gay

<i>Section</i>	<i>Section Title</i>	<i>Starting Page</i>	<i>Problem Selections</i>
<i>Chapter 2</i>	<i>Equations, Inequalities, and Algebraic Expressions</i>		
2.1	Linear Equations in One Variable	p. 55	VRV 1-12, 7,9,15,21,23,27,33,35,41,61,63,65
2.2	An Introduction to Problem Solving	p. 63	VRV 1-14 3,5,7,9,11,13,17,23,27,29,35
2.3	Formulas and Problem Solving	p. 73	VRV 1-8, 1,3,5,11,15,18,23,25,27,29,33,37, 41,47,63
2.4	Linear Inequalities and Problem Solving	p.84	VRV 1-12, 1,3,7,15,17,25,29,31,33,71,73,75
2.5	Compound Inequalities	p.93	VRV 1-8, 1 - 43 odds
Review of 2.1 - 2.5	Review Exercises	p. 111	1 - 65 all
<i>Review</i>	<i>Chapter 2 Practice Test (video solutions provided electronically)</i>	<i>p. 113</i>	<i>1 - 28 (skip 17 & 18)</i>
<i>Chapter 3</i>	<i>Graphs and Functions</i>		
3.1	Graphing Equations	p. 125	VRV 1-10 1-54 odds, 69,75,77,79
3.2	Introduction to Functions	p. 139	VRV 1-11 1-81 odds, 87,97,99
3.3	Graphing Linear Functions	p. 149	VRV 1-9 1-59 odds, 73,75
3.4	Slopes of Lines	p. 161	VRV 1-13 1-81 odds
3.5	Equations of Lines	p. 172	VRV 1-15 1-51 odds, 75,77,79
3.7	Graphing Linear Inequalities	p. 187	VRV 1-2 1-11 odds, 23-33 odds,47-57 odds
<i>Review</i>	<i>Chapter 3 Practice Test (video solutions provided electronically)</i>	<i>p. 198</i>	<i>1-30 all</i>
<i>Review</i>	<i>Chapter 3 Review</i>	<i>p. 194</i>	<i>1 - 118 odds</i>

7.6	Radical Equations and Problem Solving	P. 453	VRV 1-7 1-33 odds, 51-57 odds, 59, 61, 65
7.7	Complex Numbers	p. 462	VRV 1-11 1-92 odds
<i>Review</i>	<i>Chapter 7 Practice Test (video solutions provided electronically)</i>	<i>p. 470</i>	<i>1-38 all</i>
<i>Review</i>	<i>Chapter 7 Review</i>	<i>p. 468</i>	<i>1 - 153 odds</i>
Chapter 8			
<i>Quadratic Equations and Functions</i>			
8.1	Solving Quadratic Equations by Completing the Square	p. 482	VRV 1-9 1-66 odds
8.2	Solving Quadratic Equations by the Quadratic Formula	p. 491	VRV 1-9 1-21 odds, 41-49 odds, 51, 53, 55
8.5	Quadratic Functions and Their Graphs	p. 518	VRV 1-19 1-29 odds, 67, 69, 71, 73, 75, 77
8.6	Further Graphing of Quadratic Functions	p. 526	VRV 1-5 1-53 every other odd 55-63 odds
<i>Review</i>	<i>Chapter 8 Practice Test (video solutions provided electronically)</i>	<i>p. 533</i>	<i>1-12, 17-23</i>
<i>Review</i>	<i>Chapter 8 Review</i>	<i>p. 531</i>	<i>1 - 19 odds, 41 - 55 odds</i>
Chapter 4			
<i>Systems of Equations</i>			
4.1	Solving Systems of Linear Equations in Two Variables	p. 211	VRV 1-8 1-47 odds
4.3	Systems of Linear Equations and Problem Solving	p. 230	VRV 1-3 1-43 odds
<i>Review</i>	<i>Chapter 4 Practice Test (video solutions provided electronically)</i>	<i>p. 253</i>	<i>1 - 4, 11 - 14</i>
<i>Review</i>	<i>Chapter 4 Review</i>	<i>p. 249</i>	<i>1 - 6, 15 - 23 odds</i>
Final Exam Review			
	<i>Practice Final Exam</i>	<i>p. 705</i>	<i>1 - 52 all</i>
	<i>Additional Review Exercises are provided through MyMathLab</i>		

If you have extra time, some topics you might consider introducing are: 2.6 (absolute value equations), 2.7 (absolute value inequalities), 6.4 (synthetic division part), 6.7 (variation), and 3.6 (graph translations)

MAT 1033C – Intermediate Algebra
Elayn Martin-Gay, 6th Edition
Time Line—Fall 2014—MW Version

Week #	Dates (M-S)	Textbook Sections	Topics	Monday	Wed
1	August 25 – Aug 31	Introductions and Lab Orientations 2.1 – 2.5	2.1 – 2.5 Linear Equations, Inequalities, problem solving and compound inequalities	Intro & Lab Intro Diagnostic	Review 2.1 – 2.5
2	Sept 1 - 7	review material for Chapter 2 Exam	(Note: Holiday on September 5 – No Classes)	Holiday No classes	Finish 2.1 – 2.5
3	Sept 8 - 14	Review material for Chapter 2 Exam & 3.1	3.1 Graphing Equations Lab#1 (Chapter 2) Due Wed, September 10	Review Day Plus 3.1	Chapter 2 Exam
4	Sept 15 - 21	3.2, 3.3, 3.4, 3.5	3.2 Introduction to Functions 3.3 Graphing Linear Functions 3.4 The Slope of a Line 3.5 Equations of Lines	3.2, 3.3	3.4, 3.5
5	Sept 22 - 28	3.7 and review material for Chapter 3 Exam	3.7 Graphing Linear Inequalities	3.7	<i>Review Day</i>
6	Sept 29 – Oct 5	5.7, Chapter 5 review	5.7 Factoring by Special Products (Cubes) Chapter 5 – Exponents and Polynomials Lab #2 (Chapter 3) Due Monday, September 29	Chapter 3 Exam	5.7 + Review of Chapter 5
7	October 6 - 12	6.1, 6.2, 6.3, 6.4	6.1 Multiplying & Dividing Rational Expressions 6.2 Adding & Subtracting Rational Expressions 6.3 Simplifying Complex Fractions 6.4 Dividing Polynomials: Long and Synthetic	6.1, 6.2	6.3, 6.4

8	October 13 - 19	6.5, 6.6 & review material for Ch 6 exam	6.5 Solving Equations Containing Rational Expressions 6.6 Rational Equations & Problem Solving	6.5, 6.6	Review Day
9	October 20 - 26	7.1, 7.2	7.1 Radicals and Radical Functions 7.2 Rational Exponents Lab #3 (Chapter 6) Due Monday, October 20	Chapter 6 Exam	7.1, 7.2
10	Oct 27 - Nov 2	7.3, 7.4, 7.5, 7.6	7.3 Simplifying Radical Expressions 7.4 Adding, Subtracting & Multiplying Rational Expressions 7.5 Rationalizing Denominators and Numerators of Rational Expressions 7.6 Radical Equations and Problem Solving	7.3, 7.4	7.5, 7.6
11	Nov 3 - 9	7.7 & review material for Chapter 7 exam	7.7 Complex Numbers Lab #4 (Chapter 7) Due Wed, November 5	7.7 & review	Chapter 7 Exam
12	Nov 10 - 16	8.1, 8.2, 8.5, 8.6	8.1 Solving Quadratic Equations by Completing the Square 8.2 Solving Quadratic Equations using the Quadratic Formula 8.5 Quadratic Functions and Their Graphs 8.6 Further Graphing of Quadratic Functions	8.1, 8.2	8.5, 8.6
13	Nov 17 - 23	Review material for Chapter 8 exam	Lab #5 (Chapter 8) Due Wednesday, November 19	<i>Review Day</i>	Chapter 8 Exam
14	Nov 24 - 30	4.1, 4.3	4.1 Solving Systems of Linear Equations in Two Variables and their applications 4.3 Systems of Linear Equations and Applications	4.1, 4.3	Holiday No Classes
15	Dec 1 - 7	Chapter 4 Exam and Final Exam Review	Lab #6 (4.1, 4.3) Due Friday, December 5	<i>Review Day</i>	Chapter 4 Exam
Finals Week	Dec 8 - 14	Final Exams			

*** ***This schedule is subject to change at any time by your instruction*** ***

Labor Day (National Holiday) -- Monday, September 1, 2014 (Week #2)

College Night (No Classes) – Thursday, October 9, 2014 (Week #7)

Thanksgiving Break (No Classes) – November 26 – 30, 2014 (Week #14)

MAT 1033C – Intermediate Algebra
Elayn Martin-Gay, 6th Edition
Time Line—Fall 2014—TR Version

<i>Week #</i>	<i>Dates (M-S)</i>	<i>Textbook Sections</i>	<i>Topics</i>	<i>Tuesday</i>	<i>Thursday</i>
1	August 26 – 31	Introductions and Lab Orientations 2.1 – 2.5	2.1 – 2.5 Linear Equations, Inequalities, problem solving and compound inequalities	Intro & Lab Intro	Review 2.1 – 2.5
2	Sept 1 - 7	review material for Chapter 2 Exam	(Note: Holiday on Monday, September 1, 2014 – No Classes)	Finish 2.1 – 2.5	<i>Review Day</i>
3	Sept 8 - 14	Review material for Chapter 2 Exam & 3.1, 3.2	3.1 Graphing Equations 3.2 Introduction to Functions <i>Lab#1 (Chapter 2) Due Tuesday, September 9</i>	<i>Chapter 2 Exam</i>	3.1, 3.2
4	Sept 15 - 21	3.3, 3.4, 3.5, 3.7	3.3 Graphing Linear Functions 3.4 The Slope of a Line 3.5 Equations of Lines 3.7 Graphing Linear Inequalities	3.3, 3.4	3.5, 3.7
5	Sept 22 - 28	review material for Chapter 3 Exam	<i>Lab #2 (Chapter 3) Due Thursday, September 25</i>	<i>Review Day</i>	<i>Chapter 3 Exam</i>
6	Sept 29 – Oct 5	5.7, Chapter 5 review 6.1, 6.2	5.7 Factoring by Special Products (Cubes) Chapter 5 – Exponents and Polynomials 6.1 Multiplying & Dividing Rational Expressions 6.2 Adding & Subtracting Rational Expressions	5.7, Review Chapter 5	6.1, 6.2
7	October 6 - 12	6.3, 6.4	6.3 Simplifying Complex Fractions 6.4 Dividing Polynomials: Long and Synthetic	6.3, 6.4	<i>College Night No Classes</i>

8	October 13 - 19	6.5, 6.6 & review material for Ch 6 exam	6.5 Solving Equations Containing Rational Expressions 6.6 Rational Equations & Problem Solving	6.5, 6.6	<i>Review Day</i>
9	October 20 - 26	7.1, 7.2	7.1 Radicals and Radical Functions 7.2 Rational Exponents Lab #3 (Chapter 6) Due Tuesday, October 21	Chapter 6 Exam	7.1, 7.2
10	Oct 27 - Nov 2	7.3, 7.4, 7.5, 7.6	7.3 Simplifying Radical Expressions 7.4 Adding, Subtracting & Multiplying Rational Expressions 7.5 Rationalizing Denominators and Numerators of Rational Expressions 7.6 Radical Equations and Problem Solving	7.3, 7.4	7.5, 7.6
11	Nov 3 - 9	7.7 & review material for Chapter 7 exam	7.7 Complex Numbers Lab #4 (Chapter 7) Due Thursday, November 6	7.7 & review	Chapter 7 Exam
12	Nov 10 - 16	8.1, 8.2, 8.5, 8.6	8.1 Solving Quadratic Equations by Completing the Square 8.2 Solving Quadratic Equations using the Quadratic Formula 8.5 Quadratic Functions and Their Graphs 8.6 Further Graphing of Quadratic Functions	8.1, 8.2	8.5, 8.6
13	Nov 17 - 23	Review material for Chapter 8 exam	Lab #5 (Chapter 8) Due Thursday, November 20	<i>Review Day</i>	Chapter 8 Exam
14	Nov 24 - 30	4.1, 4.3	4.1 Solving Systems of Linear Equations in Two Variables and their applications 4.3 Systems of Linear Equations and Applications	4.1, 4.3	Holiday No Classes
15	Dec 1 - 7	Chapter 4 Exam and Final Exam Review	Lab #6 (4.1, 4.3) Due Thursday, December 4	<i>Review Day</i>	Chapter 4 Exam
Finals Week	Dec 9 - 14	Final Exams			

*** *This schedule is timeline to change at any time by your instruction* ***

Labor Day (National Holiday) -- Monday, September 1, 2014 (Week #2)

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