

**MAT1033C – INTERMEDIATE ALGEBRA
COURSE SYLLABUS
ONLINE COURSE (Fall 2009)**

Instructor Information:

Name: Joel M. Berman Office: East Campus 7-142B Phone: 407-299-5000 x-2130 E-mail: jberman@atlas.valenciacc.edu Website: http://faculty.valenciacc.edu/jberman Math Dept. Office: East 7-142 Phone: 407-299-5000 x-2366	Engagement Hours, Held in East 7-142B Monday 9:30 am – 12:30 pm Tuesday 10:30 am – 12:30 am Wednesday 9:30 am – 12:30 pm Thursday 10:30 am – 12:30 am Friday By appointment
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Course Description:

MAT1033C – Intermediate Algebra – 3 credit hours, 4 contact hours

Prerequisite: MAT0020C with a grade of “C” or better or MAT0024C with a grade of “C” or better or an appropriate score on entry placement test. Intermediate Algebra presents algebraic skills which are prerequisite for MAC1105. 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 equation, 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. This course does not satisfy the Gordon Rule in mathematics but can be used to fulfill the general education requirement of the A.S. degree. A minimum grade of “C” is required to use this course as a prerequisite for later mathematics courses. (Special Fee)

Valencia Core Competencies:

Valencia desires their 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 upon your ability to demonstrate these 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.

Due to the nature of these global competencies many problems and activities will be presented in the context of an application. These applications will require students to select appropriate information from the problem and communicate effectively how to arrive at an appropriate solution for the problem.

Required Materials:

TEXT: *Intermediate Algebra with Applications and Visualization*, 3rd Edition by Rockswold and Krieger, 2009

ACCESS to MyMathLab – provided with purchase of a textbook or separately from the bookstore or online for about \$65. Note that this allows you to access an electronic copy of the text.

CALCULATOR: A graphing calculator is **required** for this course. The **TI-84** will be used for all classroom demonstrations. If you choose a different brand or model, you are responsible for learning the appropriate calculator syntax.

COURSE WEBSITES:

Content Management is through WebCT on Valencia's server. The site is <http://webct6.valenciacc.edu>. You should already be registered in WebCT. Login name and password are the same as for your ATLAS account.

Within WebCT, you will find downloadable and viewable presentations for each section covered in the course. Also, you will find a course calendar, communication tools, links to calculator demonstrations (based on the TI-84) and other web sites that may be of interest.

Homework and Chapter tests will be done through CourseCompass (MyMathLab). The site is <http://coursecompass.com>. A gradebook for the course is also available through CourseCompass.

To log-in and register in CourseCompass, use the following procedure:

Student Registration in MyMathLab (you will need a MyMathLab Access code to complete this procedure)

1. Go to <http://coursecompass.com>
2. Click on Register.
3. Click on Next in the bottom right hand corner.
4. Follow the directions on the screen to register in the course. When asked for the course ID, enter `berman22952`
5. Record your login information. If you forget your user name or password you have to contact Technical Support at 1-800-677-6337 (M-F 8am-5pm CST).

Once you have completed these steps go to <http://coursecompass.com> and click on Log In.

Type in your Login name and Password and click on Log In.

To access all the course materials click on Intermediate Algebra – Fall 2009 (Online) in the top left corner.

You will now download the necessary plug-ins required to do the online assignments

1. Click on Announcements
2. Click on MyMathLab Installation Wizard to find the plug-ins you will need to view and complete the assignments.
3. Follow the instructions on the screen.

Note: You will need to do this again if you use a “new” computer.

TEXTBOOK MATERIAL:

This course will cover material from sections 1.1-1.5, 2.1-2.4, 3.1-3.4, 4.1-4.3, 5.1-5.7, 6.1-6.7, 7.1-7.6, 8.1-8.4

HOMEWORK:

Homework is assigned online through MyMathLab and you will receive a homework grade for these assignments. The online homework will count as 20% of the final grade for the course. There is no time limit for the online homework assignments. Each question on a homework assignment may be attempted an unlimited number of times until the deadline. You may start the assignment and then resume it at a later time. If you believe the program has not correctly graded your homework, email the instructor with the specific assignment and problem number for review. If you are having difficulty, please contact your instructor or use the discussion forum for the course. **All homework for a chapter is due on the day of the chapter quiz. It is highly recommended that you follow the schedule suggested later in the syllabus! There will be no extensions on homework assignments.**

Doing Homework

1. Go to <http://coursecompass.com> and click on Log In.
2. Type in your Login name and Password and click on Log In.
3. Click on Intermediate Algebra – Fall 2009 (Online).
4. Click on Do Homework. (This should be on the left hand side of the screen.)
5. Click on the Homework button at the top of the screen.
6. Click on the section that you want to do homework in.
7. Click on any exercise within the section. You can submit your work after completing any exercise or after completing the entire section.

Worksheets:

Worksheets are located in WebCT. These may be submitted by: turning it in to Mr. Berman in person, turning in to the East Campus Math Department, or by turning it in electronically by scanning (both sides of) the worksheet and sending to Mr. Berman via email (send to jberman@valenciacc.edu), preferably as a PDF or JPG file. If you do not know how to do this, please visit any Valencia Computer Lab. The worksheets will count as 10% of the final grade. **Worksheets not turned in on time will be penalized at a rate of 10% per day.**

Lab Component (Discussions and Enrichment assignments):

During the semester, several discussions will be available. You may be asked to visit an outside website to read an article and/or view a demonstration. You will then be expected to post at least two comments to the discussion. One must be an original thought (at least two sentences) based on the article/demonstration. The other will be a reply to another student's post. The lab component will count as 5% of the final grade. You will be graded on number of posts (at least two per discussion), readability (can I understand your writing) and originality. Personal attacks will not be tolerated.

Enrichment assignments will be available from WebCT and will be turned in electronically via email.

Quizzes:

Quizzes for each chapter will be taken through MyMathLab. The chapter quizzes will count as 20% of your final grade.

Each quiz will have a three-hour time limit. The entire quiz may be attempted one (1) time. **If you do not complete a chapter quiz on time, you must email the instructor for an extension. I will immediately (upon reading the email) grant you a one-day extension. Each extension will cost you 10% of the quiz grade.** All quizzes may be taken earlier than the published due dates.

Taking Quizzes

1. Go to <http://coursecompass.com> and click on Log In.
2. Type in your Login name and Password and click on Log In.
3. Click on Intermediate Algebra – Fall 2009 (Online).
4. Click on Do Homework. (This should be on the left hand side of the screen.)
5. Click on the Quizzes and Tests button at the top of the screen.
6. Click on the quiz that you want to take.

Work through all the exercises! When you have done all of the exercises, click on Submit Test. Do not click on Submit Test until you are absolutely sure you are ready to submit the quiz. You only have one attempt!

Tests:

There will be four unit tests that must be taken in a proctored setting. These tests will be paper-and pencil, free-response (not multiple choice) tests. The tests will count as 25% of your final grade. Each test will have a three-hour time limit. **There will be no extensions granted for Tests. If you do not take a test by the deadline, your Final exam will be used to replace the missed test. If you do not take a second test by the deadline you will be withdrawn from the course.** Tests may be taken in any of the Valencia Community College Testing Centers free of charge. For Valencia Testing Center hours, please visit: <http://valenciacc.edu/testingcenter/contact.asp> If you cannot take the tests at Valencia, **you will be responsible for arranging for testing at a College or University Testing Center. Any additional costs for testing will be your responsibility.**

FINAL EXAM:

There will be a comprehensive Final exam must that must be taken in a proctored setting. The Final exam will be a paper-and-pencil, free-response (not multiple choice) test. The Final exam will count as 20% of your final grade. **There will be no extensions granted for the Final exam. If you do not take the Final exam by the deadline, you will receive a grade of F for the course.** The Final exam may be taken in any of the Valencia Community College Testing Centers free of charge. For Valencia Testing Center hours, please visit: <http://valenciacc.edu/testingcenter/contact.asp> If you cannot take the Final exam at Valencia, **you will be responsible for arranging for testing at a College or University Testing Center. Any additional costs for testing will be your responsibility.**

GRADES:

Grades in MAT1033C will be determined from an average of all homework, test grades, midterm grades, and the final exam score.

The grading scale is as follows: A: 90-100%, B: 80-89%, C: 70-79%, D: 60-69%, F: below 60%

ACADEMIC HONESTY:

You are expected to do your own work on tests and exams. Providing information to another student or receiving information concerning exam content is considered cheating. The professor reserves the right to determine the appropriate penalties within Valencia Community College's academic honesty policies.

WITHDRAWAL DEADLINE:

The last day to withdraw from classes without a penalty is **November 6, 2009**. A grade of "W" will be issued to any student who withdraws on or before that date. After that date a grade of "WP" will be issued if your average is 60% or higher and a grade of "WF" will be issued if your average is below 60%. The final withdrawal date is **December 13, 2009**.

What to do if you need help!

- Don't wait, Don't wait, Don't wait!!!
- Did you read the textbook section? Did you view the presentation available in WebCT?
- Contact the instructor. Joel is available to help you via email, instant messaging, by telephone and in person during the engagement hours. If you are having a specific problem with a math exercise, send a similar exercise to him (look in the textbook!). He will reply (within a reasonable time) via email with the problem worked out for you.
- Use the resources that are available to you! Talk to other students in the course. Maybe they had the same problem. Use the discussion boards and chat feature.

Schedule: All assignments are due by 11:59 pm on the date listed. This means the assignment must be submitted by that time. The “Recommended Dates” are just that; recommendations. They are listed to help you keep up with the material. Please do not wait until the Due Date to start working on all of the homework for a chapter, as the amount of work for a single chapter can be overwhelming if attempted in one day.

Assignment	Material Covered	Recommended Date	Due Date
Orientation	Read the Syllabus and Access WebCT	IMMEDIATELY!!!	
Acknowledgement Page	Read the Syllabus and Access WebCT	IMMEDIATELY!!!	9/4
Homework 1.1	1.1	8/31	9/9
Homework 1.2	1.2	9/1	9/9
Homework 1.3	1.3	9/2	9/9
Homework 1.4	1.4	9/3	9/9
Homework 1.5	1.5	9/4	9/9
Worksheet 1	1.3-1.5	9/7	9/7
Chapter 1 Quiz	1.1-1.5	9/9	9/9
Homework 2.1	2.1	9/10	9/20
Homework 2.2	2.2	9/11	9/20
Worksheet 2	2.1-2.2	9/14	9/14
Homework 2.3	2.3	9/15	9/20
Homework 2.4	2.4	9/16	9/20
Worksheet 3	2.3-2.4	9/17	9/17
Chapter 2 Quiz	2.1-2.4	9/20	9/20
Test 1 (Proctored)	Ch1, Ch2	Available 9/17	9/22
Homework 3.1	3.1	9/23	10/1
Homework 3.2	3.2	9/25	10/1
Homework 3.3	3.3	9/28	10/1
Worksheet 4	3.1-3.3	9/29	9/29
Homework 3.4	3.4	9/30	10/1
Chapter 3 Quiz	3.1-3.4	10/1	10/1
Homework 4.1	4.1	10/2	10/11
Homework 4.2	4.2	10/5	10/11
Worksheet 5	3.4, 4.1-4.2	10/6	10/6
Homework 4.3	4.3	10/7	10/11
Chapter 4 Quiz	4.1-4.3	10/11	10/11
Test 2 (Proctored)	Primarily Ch3, Ch4	Available 10/7	10/13
Homework 5.1	5.1	10/14	10/25
Homework 5.2	5.2	10/15	10/25
Homework 5.3	5.3	10/16	10/25
Homework 5.4	5.4	10/19	10/25
Worksheet 6	5.1-5.4, 2.4	10/20	10/20
Homework 5.5	5.5	10/21	10/25
Homework 5.6	5.6	10/22	10/25
Homework 5.7	5.7	10/23	10/25
Chapter 5 Quiz	5.1-5.7	10/25	10/25
Homework 6.1	6.1	10/26	11/8

Worksheet 7	5.1-5.7, 2.4, 6.1	10/27	10/27
Homework 6.2	6.2	10/28	11/8
Homework 6.3	6.3	10/30	11/8
Homework 6.4	6.4	11/2	11/8
Homework 6.5	6.5	11/3	11/8
Homework 6.6	6.6	11/4	11/8
Homework 6.7	6.7	11/5	11/8
Worksheet 8	6.1-6.6	11/5	11/5
Chapter 6 Quiz	6.1-6.7	11/8	11/8
Test 3 (Proctored)	Primarily Ch5, Ch6	Available 11/5	11/10
Homework 7.1	7.1	11/11	11/22
Homework 7.2	7.2	11/12	11/22
Homework 7.3	7.3	11/13	11/22
Homework 7.4	7.4	11/16	11/22
Homework 7.5	7.5	11/17	11/22
Homework 7.6	7.6	11/18	11/22
Worksheet 9	7.1-7.6	11/19	11/19
Chapter 7 Quiz	7.1-7.6	11/22	11/22
Homework 8.1	8.1	11/23	12/6
Homework 8.2	8.2	11/30	12/6
Homework 8.3	8.3	12/1	12/6
Homework 8.4	8.4	12/3	12/6
Worksheet 10	8.1-8.4	12/3	12/3
Chapter 8 Quiz	8.1-8.4	12/6	12/6
Test 4 (Proctored)	Primarily Ch7, Ch8	Available 12/3	12/8
FINAL EXAM (Proctored)	All Material	Available 12/10	12/15

Acknowledgement Page: Please print this page, make the necessary annotations and scan and send back (to jberman@valenciacc.edu preferably as a PDF or JPG file) or hand in to Mr. Berman by September 4, 2009. This will count as your first "lab" grade

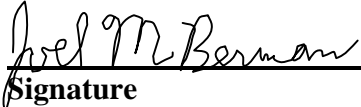
Student's Responsibilities:

Please initial next to each of the following statements and indicate your preferred testing center:

- I have read the entire syllabus and understand the policies and procedures set forth within it.
- I have regular access to computer with internet access.
- I know how to access the course materials within WebCT and the assignments within MyMathLab.
- I know how to contact the instructor.
- I plan to take the four proctored tests and the final exam at the _____
(East, Osceola, West, Winter Park Testing Center or Other)

Instructor's Responsibilities:

- I will have all course materials available for students at the beginning of the semester.
- I will send out all proctored tests at least 4 days before the due date.
- I will respond to students' communications by phone or to jberman@valenciacc.edu in a timely manner.
- I will be fair and consistent when assessing students' work and will send scores and/or annotated papers back in a timely manner.

_____	_____	_____
Student Name (Print)	Signature	Date
Joel M. Berman		8/20/2009
Instructor Name (Print)	Signature	Date

***** This page is only for students that will be taking their exams outside of Valencia *****

Please complete this page and send to jberman@valenciacc.edu

Name of Institution where you will take the exams: _____

Location of Institution (City, State) _____

Name of testing proctor at Institution _____

Email address of testing proctor _____

Telephone number of testing proctor _____

Best day/time for instructor to contact proctor _____