

## MAC1105 College Algebra      Spring 2010 MWF

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Office Hours: MF: 12:00-2:30 pm in 08-207  
                         TR: 9:45-11:30 am in 08-207  
                         W: 12:00-1:30 pm in 08-207

Course Description: MAC 1105C 3 credit hours, presents algebraic, graphing and numerical skills. This course will completely integrate graphing technology towards topics presented along with the concepts and interpretation. Topics include linear, quadratic, exponential, logarithmic, polynomial and rational functions including their graphs. Systems of equations, variation, linear regression and inverse functions will also be covered. The topics presented will be solved using symbolic, graphical and numerical approaches. Applications emphasizing connections with other disciplines and the real world will be included. A minimum grade of "C" is required to use this to satisfy the Gordon Rule and general education requirements.

### Competencies of a Valencia Graduate:

1. **THINK:** think clearly, critically, and creatively. Analyze, synthesize, integrate, and evaluate in many domains of human inquiry.
2. **COMMUNICATE:** Communicate with different audiences using varied means.
3. **VALUE:** Make reasoned value judgments and responsible commitments.
4. **ACT:** Act purposefully, reflectively, and responsibly.

### CLAST Competencies:

1. Mathematics Skills (arithmetic, geometry, logic, and algebra skills)
2. Reading Skills (literal and critical comprehension skills)
3. English Language Skills (word choice and grammar, spelling, capitalization, and punctuation skills)

### Required Course Materials:

1. **My Math Lab software from Addison/Wesley.**
2. **A TI-82 or TI-83 or TI-84 graphing calculator is required for this course.**

### Optional Course Material:

1. **College Algebra In Context by Harshbarger and Yocco 3rd edition.**

Attendance: Attendance is expected of all students except in case of emergency. If you must be absent, it is your responsibility to find out what you missed either by contacting the instructor or another student. The instructor may exercise the authority to withdraw any student with absences that exceed 10% of class. (3 days)

Evaluation: Your grade will be determined by grades on the following:

5 tests:	500 points
Homework:	100 points
<u>Final exam:</u>	<u>100 points</u>
Total:	700 points

90-100 A    80-89 B    70-79 C    60-69 D    0-59 F

Tests: There will be 4 in-class tests. **There will be no makeup exams given without official documentation like a doctor's note, court summons, etc.** Contact with instructor must be made by the scheduled exam day. In the event of a missed exam (or a low exam score), the final exam may replace one exam score (provided the final exam is a 70 or better).

Homework: There will be a homework assignment for each section which will be completed and submitted online. You may submit the homework as many times as you would like until the posted deadline. One section of homework will be dropped at the end of the semester.

Final Exam: There will be a comprehensive final exam given during final exam week. See below for exact time, date, and location.

Disclaimer: Changes in the evaluation procedure may be made at the discretion of the instructor.

Academic Honesty: You are expected to do your own work on 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 Policy: The withdrawal deadline for receiving the non-punitive grade of a "W" is **March 26, 2010**. After that deadline, if you withdraw, your average will determine whether you will receive a grade of a "WP" or a "WF". Students who do not withdraw and do not take the final exam will automatically receive a grade of an "F".

Tutoring Center: Tutors are available in Building 4 IMC free of charge to Valencia students.

Students with Disabilities: If you have a documented disability, please feel free to speak with me. This will ensure that the appropriate reasonable accommodations will be implemented.

Classroom Etiquette and Expectations:

1. Please turn off cell phones and pagers (or put them on “vibrate mode” for emergencies only).
2. If you must be late or leave early, please do so in a manner that will not be disruptive to others.
3. Please, no talking when I am talking.
4. “Packing Up” at the end of class is quite noisy and distracting. I use the last few minutes of class to summarize essential points in the lesson and give instructions and set expectations for the next class meeting. Please wait to “pack up” until **after** I have dismissed class.
5. A vital component for success in this class is practice. The homework problems assigned allow you to determine your strengths and weaknesses before an exam. Beginning sections are the foundation for subsequent sections. It is imperative that you complete your homework before each class meeting.
6. Regular attendance is required. If you are absent, you are responsible for all material covered in class.
7. Please ask questions if you have questions.

Tentative Schedule:

<b>Date</b>	<b>Monday</b>	<b>Wednesday</b>	<b>Friday</b>
<b>1/11-1/15</b>	1.1	1.2	1.3
<b>1/18-1/22</b>	<b>No Class</b>	1.4	*
<b>1/25-1/29</b>	*	<b>Test 1</b>	2.1
<b>2/1-2/5</b>	2.2	2.3	2.4
<b>2/8-2/12</b>	*	*	<b>Test 2</b>
<b>2/15-2/19</b>	8.1	3.1	<b>No Class</b>
<b>2/22-2/26</b>	3.2	3.3	*
<b>3/1-3/5</b>	*	<b>Test 3</b>	4.1
<b>3/8-3/12</b>	<b>No Class</b>	<b>No Class</b>	<b>No Class</b>
<b>3/15-3/19</b>	4.2	4.3	4.4
<b>3/22-3/26</b>	*	*	<b>Test 4</b>
<b>3/29-4/2</b>	5.1	5.2	5.3
<b>4/5-4/9</b>	5.5	*	*
<b>4/12-4/16</b>	<b>Test 5</b>	6.1	6.3
<b>4/19-4/23</b>	6.5	*	*
<b>4/26-4/30</b>	<b>Final Exam 10-12:30 (20578)</b>	<b>Final Exam 7-9:30 (20574)</b>  <b>Final Exam 10-12:30 (20583)</b>	

**Directions to give students on registering in MML:**

**To purchase an access code online (\$65):**

Step 1: Go to [www.coursecompass.com](http://www.coursecompass.com)

Step 2: Under Students, click on Register

Step 3: Click on Purchase online access now using a credit card.

Step 4: Enter the course ID howard04168 and click next. (Note the lowercase letters and no space between name and number.)

Step 5: Click on Purchase. Then follow the directions on setting up an account. You will need to enter Valencia's zip code of 32825.

Step 6: 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)

Step 7: Download the necessary plug-ins by logging into your course and then clicking on Installation Wizard in the menu on the left.

**If you purchased a new textbook that came with an access code:**

Step 1: Go to [www.coursecompass.com](http://www.coursecompass.com)

Step 2: Under Students, click on Register

Step 3: Click on Next in the bottom right hand corner.

Step 4: Follow the directions on the screen to register in the course. When asked for the course ID, enter howard04168. (Note the lowercase letters and no space between name and number.) You will need to enter Valencia's zip code of 32825.

Step 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)

Step 6: Download the necessary plug-ins by logging into your course and clicking on Installation Wizard in the menu on the left.

Note: If you ever have problems accessing the site through the above link, then go to [www.mathxl.com](http://www.mathxl.com) and log in through there as a MyMathLab user. This is a form of a back-door into the class.