

## MAT 1033C Intermediate Algebra Fall 2017

**VALENCIA**

Instructor: Wanda Spottswood

### Course Information:

CRN: 11302	Location:	Class Meetings: Tuesday	5:15 PM – 6:55 PM	Room 107
	Location:	Lab Meetings: Tuesday	7:00 PM – 7:50 PM	Room 134

### Contact Information:

College General Phone Number	(407) – 299 – 5000
College Website	<a href="http://www.valenciacollege.edu">www.valenciacollege.edu</a>
Winter Park Math Dept. Phone Numbers	(407) – 582 – 6817 OR (407) – 582 – 6870
Instructor's Phone Number	
Instructor's E-mail	<a href="mailto:wspottswood@valenciacollege.edu">wspottswood@valenciacollege.edu</a>
Instructor's Office Hours Location	

### Office Hours:

The best way to contact me is by email at [wspottswood@valenciacollege.edu](mailto:wspottswood@valenciacollege.edu)

### Course Objective & Description:

#### Course Description:

Intermediate Algebra presents algebraic skills needed for MAC 1105. Topics include:

- Linear equation/ inequalities
- Intro to functions (linear & quadratic)
- Graphing (lines & parabolas)
- Factoring
- Algebraic fractions
- Radicals (square roots/ cube roots)

This course does not satisfy the Gordon Rule in mathematics but can be used to fulfill the general education requirement for the A.S. degree. For the A.A. degree, this course carries college elective credit. A minimum grade of C is required to successfully complete this course.

**Prerequisites:** Minimum grade of C in MAT 0022C or MAT 0028C or appropriate score on approved assessment.

**Credits:** 3

#### Valencia Core Competencies:

**THINK:** We will **analyze** patterns and use variables to represent them.

We will **generalize calculations** by creating equations.

**VALUE:** We will **connect** our discussion of variables and graphs to situations outside math.

We will **make connections** among the ideas we discuss enabling us to better understand.

**COMMUNICATE:** We will **work together** to solve problems.

We will **discuss** strategies for solving equations.

**ACT:** We will **use technology** to our advantage.

We will **solve, graph, analyze, and create** equations.

## Required Materials:

- 1) **MyMathLab software access code** which comes with an electronic copy of the text, Intermediate Algebra with Applications and Visualizations: 5<sup>th</sup> Edition, Rockswold & Krieger. A hard copy of the text is optional, but students may find it helpful.

A MyMathLab software access code can be purchased from the Valencia's bookstore or on-line at [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com). The Course ID is **spottswood89497**. Be sure to enter the course ID that corresponds to the course you are enrolled in. Students will be granted access to the software without paying for a period of 14 days. After the 14 day grace period, access will be blocked until the student enters a valid access code.

**\*Note:** Students that have taken this course within the last semester and are repeating this course do NOT have to pay for MyMathLab access as long as the same username/password from the previous course is used. This applies to students who have previously paid for the software and received a grade of D, F, or W. For registration difficulties, contact any Math Support Center staff member on the Winter Park Campus room 138.

## 2) **Scientific or graphing calculator:**

A scientific calculator is required (TI-30XA or TI-30XS is recommended).

A graphing calculator is optional. (TI-84 is recommended).

Calculators are available for purchase in the bookstore and for check-out from the library.

**Cell phones CANNOT be used as calculators!**

## Math Center Resource Information:

The Winter Park Math Support Center is located in room 138. The MSC provides tutoring to all Valencia students from any campus. The MSC provides homework help and also has computers, DVD's, tip sheets, textbooks and calculators for student use. The Winter Park Library has calculators available for check-out for 4 hours and DVD's for check out overnight. For more information visit the website: <http://www.valenciacollege.edu/wp/mathcenter/>.

## Class policies:

### **Attendance:**

- You are expected to attend every class meeting.
- Any student who does not attend class the first week may be withdrawn from the class as a "No Show". These students will be billed for the class and receive a final course grade of "W".
- You are responsible for any information and/or assignments given during class, whether or not you are present.
- You are expected to be in class on time, and to remain in class for the entire period.
- **Excessive absences (more than 2) will lead to poor performance in the course and may lead to a withdrawal by the professor.**

### **Conduct:**

- Plan to attend class for the entire period. Avoid leaving early or arriving late, as it is a distraction to your fellow classmates and your professor.

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- You are encouraged to actively participate and ask pertinent questions during class. Courtesy will be observed at all times.
- Cell phones, pagers, or other devices that are audible are not permitted to be on 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.
- If your actions in class are deemed by your instructor to be disruptive, you will be asked to leave class immediately.
- You will find more information about the Student Code of Conduct in the current Valencia Student Handbook. For more information about Valencia's Student Code of Conduct, visit <http://catalog.valenciacollege.edu/academicpoliciesprocedures/studentcodeofconduct/>.

### **Academic Honesty:**

**Cheating of any form will be cause for immediate removal from this class, a course grade of F, and referral of the 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.** Policy Website Link:

<http://valenciacollege.edu/generalcounsel/policy/ValenciaCollegePolicy.cfm?policyID=180>

### **Withdrawal Policy:**

The deadline to withdraw from class with a grade of "W" is **Friday, November 10, 2017** (11:59 PM via Atlas) for full term fall classes. **After the deadline, students will NOT be able to withdraw and will receive the grade earned according to the instructor's grading policy.** Students taking this course for the third time cannot withdraw after the add/drop period (first week of classes) – they must receive an actual grade per state and college policy. A student with excessive absences (more than 2) may be withdrawn by the instructor at the instructor's discretion. A student that is withdrawn will receive a grade of "W".

Policy Website Link: <http://valenciacollege.edu/generalcounsel/policy/ValenciaCollegePolicy.cfm?policyID=75>

### **Grading Policy:**

<b>Requirements</b>	<b>Percent Weight</b>
Unit Tests (4)	50%
Homework/Lab Attendance	25%
Comprehensive Final Exam	25%
<b>TOTAL for course:</b>	<b>100%</b>

### **Grading Scale (Strictly Enforced):**

<b>Percentage Scale</b>	<b>Course Grade</b>
90% or higher	<b>A</b>
80% – 89%	<b>B</b>
70% – 79%	<b>C</b>
60% - 69%	<b>D</b>
Below 60%	<b>F</b>

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### **Unit Tests:**

You will have 4 unit examinations throughout this course. They may be a combination of short answers and/or multiple choice. Partial credit is given solely at your instructor's discretion. The best way to prepare for exams is to complete the homework assigned by your instructor. Unit tests are worth 50% of your course grade. There will be no dropped test scores. Your lowest test score may be replaced by your final exam, if it is higher. All tests will be administered in the Testing Center, and you must bring a valid student ID for each exam. Cell phones are not permitted in the Testing Center and may **never** be used as a calculator during a test. Sections of a test may be designated as *NO Calculator Use*.

### **Homework, Lab Assignments, activities, take-home assignments:**

You will have daily homework via Course Compass. You are required to attend lab weekly to complete the homework assignments. The lab instructor will be available to assist you should you have any questions. All homework, labs and assignments must be completed on time and will be a total of 25% of your overall class grade. Refer to the schedule on page 6 (last page) of the syllabus for lab assignments and exam due dates.

### **Final Exam: (Tuesday, December 12, 2017 5:00 PM – 7:30 PM)**

The final examination in this course is **MANDATORY**. The final examination in this course is worth 25% of the final course grade. Any student who does not attempt the examination will receive a 0, which will impact the final average in the course.

The final exam is a cumulative exam given at the end of the course and can be taken ONLY once! This is a proctored, unassisted exam and the final exam grade CANNOT be dropped or replaced. There is no extra credit associated with the final exam. The final exam grade is based on the number of problems answered correctly!

## **Other Policies & Information:**

### **Make-Up Policy:**

All tests must be taken on or before dates assigned. No makeup tests are available without explicit consent of instructor which will only be granted in case of documented extreme emergency. The final exam must be taken on the date published for final exams.

### **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 ATLAS 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 numbers below.

Blackboard Help Desk: (407)-582-5600 or [onlinehelp@valenciacollege.edu](mailto:onlinehelp@valenciacollege.edu)  
OIT Help Desk: (407)-582-5554

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### **E-mail Communication Policy:**

The instructor will only correspond with you through your atlas e-mail. 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 their 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.

### **Special Accommodations:**

Students with disabilities who qualify for academic accommodations must provide a notification to Instructor (NTI) form 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. Contact information: Linda Villar, Winter Park Campus, Room 212 Phone: 407-582-6887 Policy Website Link: <http://valenciacollege.edu/osd/>

### **Student Resource for Assistance:**

Valencia College is interested in making sure all students have a rewarding and successful college experience. Valencia students can get immediate help with issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management, relationships, or any other problems associated 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.

<h2 style="margin: 0;">MAT1033 (CRN 11302): Intermediate Algebra</h2> <h3 style="margin: 0;">Tentative Schedule – Fall 2017</h3>
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Date	Topic	Lab Assignments	Unit Test Due Dates
T 8/29	Chapter 2, Sections 1, 2	Chapter 2 Assignments	
T 9/5	Chapter 2, Sections 3, 4	Chapter 2 Assignments	
T 9/12	Chapter 3, Sections 1, 2	Chapter 3 Assignments	
T 9/19	Chapter 3, Sections 3 – 5a	Chapter 3 Assignments	
T 9/26	Chapter 4, Sections 1 - 3	Chapter 4 Assignments <b>Test 2 will be available in Course Compass</b>	<b>Test 1</b> <b>(Chapters 2 &amp; 3)</b> <b>open 9/19 – 9/26</b>
T 10/3	Chapter 5, Sections 1 - 3	Chapter 5 Assignments	
T 10/10	Chapter 5, Sections 4, 5, 7	Chapter 5 Assignments	<b>Test 2</b> <b>Take Home</b> <b>(Sections 4.1-4.3)</b> <b>Due beginning of class on 10/10</b>
T 10/17	Chapter 6, Sections 1, 2	Chapter 6 Assignments	
T 10/24	Chapter 6, Sections 3, 4	Chapter 6 Assignments	
T 10/31	Chapter 6, Sections 5, 7	Chapter 6 Assignments	
T 11/7	Chapter 7, Sections 1 - 2	Chapter 7 Assignments	<b>Test 3</b> <b>(Chapters 5 &amp; 6)</b> <b>open 10/31 – 11/7</b>
F 11/10	<b>Withdrawal Deadline (11:59 pm)</b>		
T 11/14	Chapter 7, Sections 3 - 4	Chapter 7 Assignments	
T 11/21	Chapter 7, Sections 6 - 7	Chapter 7 Assignments	
T 11/28	Chapter 8, Sections 3 - 4	Chapter 8 Assignments	<b>Test 4</b> <b>(Sections 7.1-7.4, 7.6, 7.7)</b> <b>open 11/28 – 12/5</b>
T 12/5	Final Exam Review	Final Exam Review Assignment	
T 12/12	<b>Final Exam (Room 107)</b>	<b>5:00 – 7:30 pm</b>	

**NOTE:** Schedule is subject to change. Any changes will be announced in class and/or via ATLAS email.