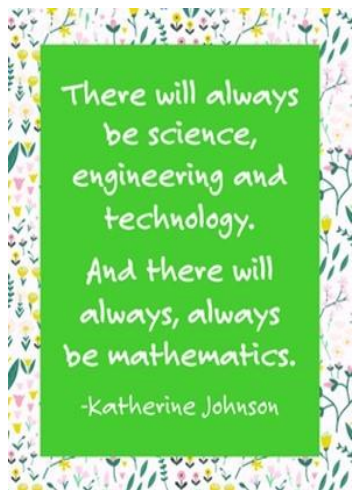


# Syllabus for MAT 1033C Intermediate Algebra Valencia College-UCF Downtown Campus

RTV  
Fall 2020, CRN: 16881



## **Instructor Information**

Dr. Vannetta Davis-Felix

**E-mail:** [vgrierfelix@valenciacollege.edu](mailto:vgrierfelix@valenciacollege.edu)

### **Virtual Hours via email:**

Schedule a zoom meeting by email or call 407-603-1770

*I will do my best to respond to emails within 24 hours. I generally respond within in a much shorter time frame, however. Allow for 24-48 hours on weekends or holidays.*

## **College Contacts**

Executive Dean, DTC: Dr. Eugene Jones

1-407-582-5508

Learning Support Services, Manager: Ning Christopher

1-407-582-1120

Instructional Math Lab Supervisor: Jennifer Nelson

1-407-582-3508

## **Learning Support Center**

- Tutoring Offered Online via Zoom:
- Students will still access online tutoring by clicking on the Help icon on the Navigation Toolbar in Canvas and clicking on Online Tutoring. For more information, students can visit the following page: <https://libguides.valenciacollege.edu/distancetutoring>

## **Operation Days and Times:**

- Monday - Thursday: 7 am - 12 am (midnight)
- Friday: 7 am - 12 pm (noon)
- Saturday - Sunday: 9 am - 6 pm

## **Course Description and Structure**

Structure: Lecture

This course 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.

## **Course Prerequisites**

Minimum grade of C in MAT 0022C or MAT 0028C or MAT 0055 or MAT 0056 or appropriate score on approved assessment.

## Required Textbook(s) & Materials

(Please do not open or use any course materials until after the first class meeting!)

### 1) REQUIRED: MyMathLab (MML) Student Access Kit

Purchasing Options:

- Purchase a custom Valencia/UCF MML Access Kit at the DTC bookstore at discounted rate.
  - <https://ucf-vc.bncollege.com/shop/ucf-valencia/home>
- Purchase instance access through MyMathLab with a debit or credit card.
- *Important Note:* For this course, MyMathLab can only be accessed via the “*MyLab and Mastering*” menu item in Canvas; therefore, there is **NO COURSE ID**. Do not try to access the course via the MyMathLab website, as it will not work—it can only be accessed through Canvas.

### 2) RECOMMENDED CALCULATOR:

- **TI-84+ or approved (Non-CAS) graphing calculator.** This is recommended if you must take MAC 1105 or STA 2023.  
--OR--
- **TI-30XIIS or other approved scientific calculator.**

### 3) (VERY) OPTIONAL TEXTBOOK:

- Intermediate Algebra, 7th Edition, Elayne Martin-Gay
- *Note:* A virtual copy of the textbook is available through MyMathLab, so a physical textbook is not necessary. If you wish to buy a physical textbook, please speak to the instructor for additional purchasing options.

## Course Components

### Attendance

- Attendance will be taken based on your course activity in MML.
- A student’s Last Date of Attendance is determined by the last date of activity in MML.

### Homework

- Homework is assigned in MyMathLab (MML) for each section covered. Refer to the MAT 1033C Daily Topics for a list of all homework assignments and due dates. Due dates are also shown in MML for each assignment.
- Homework can be completed after the due date for a **10% penalty** per day. (So, homework beyond ten days late can still be completed, but no credit will be awarded).
- The **Ask the Instructor** feature in MML is the most effective way to contact your instructor about individual homework questions.

### Lab Attendance

This course has a mandatory lab component defined by Lab Minutes (LM). Each week’s lab minutes are determined by completion of MML Study Plan Mastery Points, unless otherwise noted. Refer to the MAT 1033C Daily Topics for minimum Mastery Points requirements. Grades for lab minutes are awarded as follows:

- Full Credit (10 points) if the minimum Mastery Points are achieved
- Partial Credit may be awarded if the minimum Mastery Points are not achieved.
- *Note:* You are encouraged to get achieve 100% of Mastery Points as the Study Plans help you prepare for each unit Mastery Test

## Exams

This course includes 8 Mastery Tests and one comprehensive final exam. Mastery Tests account for 40% of your course grade, and the final exam will represent 20% of your course grade. **For Fall 2020, exams will be completed via Respondus Lockdown Browser.** All exams are completed and graded in MyMathLab. However, you are required to submit your handwritten work via Canvas, so make sure you have the technology necessary to scan/upload your work. Please see Canvas on how to upload scanned work.

**Mastery Tests:** (1 Attempt, 75 minute time limit)

**To unlock each Mastery Test, ONE of the following requirements must be met:**

1. Achieve the minimum Mastery Points on the Study Plan for the unit.

---OR---

2. Score at least an 80% on EACH homework assignment in the unit.

## **Proctored Final Exam: (1 Attempt, 150 minute time limit)**

The final exam must be taken in order to pass this course and must be completed by the last day of the course: **Wednesday, December 9, 2020.**

To take an online exam, you will need:

- A laptop or desktop computer with a microphone (not a tablet or phone)
- A webcam
- Reliable Internet connection
- Photo identification in the form of a Valencia-issued student ID card or government-issued ID card (i.e. driver's license, passport)

**Webcam & Microphone:** Respondus will be used for online testing.

4 Tests & a Final Exam will be taken in MyMathLab online using Respondus (webcam w/full visibility & mic. w/sound required). Work must be shown on video, before submitting the test. Make-up tests are given only in cases of documented emergencies or extreme circumstances. Arrangements to make-up a test must be made with the instructor immediately and should be taken within one week of the original test date. Zeros will be used in place of missing tests and may result in withdrawal from the class.

## **Grading Policy**

Assessment	Percent of Final Grade
Homework	25%
Lab Minutes (Study Plan)	15%
8 Mastery Tests	40%
Final Exam	20%
Total	100%

## **Grading Scale**

All grades will be calculated to the nearest tenth and rounded appropriately.

Percentage	Grade
90%-100%	<b>A</b>
80% - 89%	<b>B</b>
70% - 79%	<b>C</b>
60% - 69%	<b>D</b>
0% - 59%	<b>F</b>

### **Course Make-Up Policy:** Make-Up Exams are not permitted.

- If you do not complete an assignment or test by the due date, a zero score will be assigned for each incomplete grade (unless otherwise noted by the professor).
- Contact the instructor BEFORE the due dates if you experience any issues prohibiting your from meeting any deadlines.

### **Withdrawal**

- Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who does not attend class during the first week of class will be dropped from the course by the instructor.
  - Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the withdrawal deadline will receive a grade of “W.”
    - **Student withdrawal deadlines for this semester is October 30th.**  
<https://valenciacollege.edu/academics/calendar/>
  - A student is not permitted to withdraw after the withdrawal deadline.
  - 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://valenciacollege.edu/generalcounsel/policy>

### **Valencia Student Core Competencies:**

- Valencia’s Student Core Competencies are complex abilities that are essential to lifelong success. This course will help you develop and demonstrate the abilities to (1) **think** clearly, critically, and creatively; (2) **communicate** with others verbally and in written form; (3) make reasoned **value** judgments and responsible commitments; and (4) **act** purposefully, reflectively, and responsibly.

### **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.**

### **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 (Danelle Maschhoff, Testing & Accessibility Office, Union West #210).

### **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.

## **Conduct**

### **Valencia Student Core Competencies**

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 Canvas 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.

Canvas Help Desk: (407) 582-5600 or visit <https://valenciacollege.edu/students/learning-support/>

ATLAS Student Help Desk: (407) 582-5444 or <https://valenciacollege.edu/about/support/>

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 College: Laptop Loan Program**

Valencia College's Office of Information Technology (OIT) has acquired new laptops to loan to students who are registered for the semester and have expressed technology needs. To apply for a new laptop visit: <https://valenciacollege.edu/laptop>, they are on a first come first serve basis.

The following schedule contains information on all the lessons to be covered, tasks, and all deadlines!

**It is very important that you review this schedule!**

The deadlines are the last possible days for you to do the Online Homework and Lab Minutes, and the last day you can take the Tests. I have spaced out the material throughout the term. It is **not** advisable to do all the week's material on the last day. To deal with any computer or technical problem that may arise, you should always do your online work ahead of schedule. Since all the homework is already set up in Canvas, you can complete any one of them at any time before the deadline.

**Deadline for all online homework is 11:59 p.m. on the due date.  
Please print this schedule and post it on a visible place!**

<b>Category Key Terms</b>		<b>Due Dates (Due: 11:59 pm)</b>
LM = Lab Minutes (required for the lab component of the course)	HW =	
Homework Grade		
MP = Mastery Points earned in the Study Plan (earned by completing Quiz Me's).	T	
= Test Grade		
<b>Week 1: Aug 24 - 30</b>		
<b>Set Up MyMathLab Course and complete FlipGrid Intro, Proctoring Survey, Diagnostic Test, Syllabus Quiz and MyMathLab Orientation (MUST BE COMPLETED SO YOU ARE NOT WITHDRAWN FROM THE COURSE)</b>		Fri, Aug 28
HW	2.1 Linear Equations	Fri, Aug 28
HW	2.2 Problem Solving	Fri, Aug 28
<b>Week 2: Aug 31 - Sept 6</b>		
HW	2.3 Formulas and Problem Solving	Fri, Sept 4
HW	2.4 Linear Inequalities	Fri, Sept 4
HW	2.5 Compound Inequalities	Fri, Sept 4
<b>Week 3: Sept 7 - 13</b>		
HW	2.6 Absolute Value Equations	Fri, Sept 11
HW	3.1 Graphing Equations	Fri, Sept 11
LM	<b>Complete Study Plan for Mastery Test 1</b> (8 of 11 MP required for full credit)	Sun, Sept 13
T	<b>Mastery Test 1 (Sections 2.1 - 2.4. There are 20 questions total.)</b>	Sun, Sept 13
<b>Week 4: Sept 14 - 20</b>		
HW	3.2 Introduction to Functions	Fri, Sept 18
HW	3.3 Graphing Linear Functions	Fri, Sept 18
HW	3.4 The Slope of a Line	Fri, Sept 18
LM	<b>Complete Study Plan for Mastery Test 2</b> (6 of 8 MP required for full credit)	Sun, Sept 20
T	<b>Mastery Test 2 (Sections 2.5, 2.6, and 3.1. There are 20 questions total.)</b>	Sun, Sept 20
<b>Week 5: Sept 21 - 27</b>		
HW	3.5 Equations of Lines	Fri, Sept 25
HW	3.7 Graphing Linear Inequalities	Fri, Sept 25
HW	4.1 Solving Systems of Linear Equations in Two Variables; Applications	Fri, Sept 25
LM	<b>Complete Study Plan for Mastery Test 3</b> (11 of 16 MP required for full credit)	Sun, Sept 27
T	<b>Mastery Test 3 (Sections 3.2 - 3.5, and 3.7. There are 20 questions total.)</b>	Sun, Sept 27
<b>Week 6: Sept 28 - Oct 4</b>		
HW	4.3 Systems of Linear Equations and Applications	Fri, Oct 2
HW	Ch 6 Prerequisite (Factoring Review)	Fri, Oct 2
HW	5.7 Factoring by Special Products	Fri, Oct 2
LM	<b>Complete Study Plan for Mastery Test 4 (Parts 4.1, 4.3)</b> (4 of 5 MP required for full credit)	Sun, Oct 4
T	<b>Mastery Test 4 (Sections 4.1 and 4.3. There are 15 questions total.)</b>	Sun, Oct 4
<b>Week 7: Oct 5 - 11</b>		
HW	6.1 Multiplying & Dividing Rational Expressions	Fri, Oct 9

HW	6.2 Adding & Subtracting Rational Expressions	Fri, Oct 9
<b>Week 8: Oct 12 - 18</b>		
HW	6.3 Simplifying Complex Fractions	Fri, Oct 16
HW	6.4 Dividing Polynomials: Long Division	Fri, Oct 16
<b>Week 9: Oct 19 - 25</b>		
HW	6.5 Solving Equations with Rational Expressions	Fri, Oct 23
HW	6.6 Rational Equations & Problem Solving	Fri, Oct 23
LM	<b>Complete Study Plan for Mastery Test 5</b> (11 of 15 MP required for full credit)	Sun, Oct 25
T	<b>Mastery Test 5 (Sections 5.7, and 6.1 - 6.4. There are 20 questions total.)</b>	Sun, Oct 25
<b>Week 10: Oct 26 - Nov 1</b>		
HW	7.1 Radicals and Radical Functions	Fri, Oct 30
HW	7.2 Rational Exponents	Fri, Oct 30
<b>Week 11: Nov 2 - 8</b>		
HW	7.3 Simplifying Radical Expressions	Fri, Nov 6
HW	7.4 Adding, Subtracting & Multiplying Radical Expressions	Fri, Nov 6
LM	<b>Complete Study Plan for Mastery Test 6</b> (11 of 16 MP required for full credit)	Sun, Nov 8
T	<b>Mastery Test 6 (Sections 6.5, 6.6, 7.1, and 7.2. There are 20 questions total.)</b>	Sun, Nov 8
<b>Week 12: Nov 9 - 15</b>		
HW	7.5 Rationalizing Denominators and Numerators of Rational Expressions	Fri, Nov 13
HW	7.6 Radical Equations and Problem Solving	Fri, Nov 13
HW	7.7 Complex Numbers	Fri, Nov 13
<b>Week 13: Nov 16 - 22</b>		
HW	8.1 Solving Quadratic Equations by Completing the Square	Fri, Nov 20
HW	8.2 Solving Quadratic Equations by the Quadratic Formula	Fri, Nov 20
LM	<b>Complete Study Plan for Mastery Test 7</b> (8 of 12 MP required for full credit)	Sun, Nov 22
T	<b>Mastery Test 7 (Sections 7.3 - 7.6. There are 20 questions total.)</b>	Sun, Nov 22
<b>Week 14: Nov 23 - 29</b>		
HW	8.6 Quadratic Functions and Their Graphs	Fri, Nov 27
LM	<b>Complete Study Plan for Mastery Test 8</b> (9 of 13 MP required for full credit)	Sun, Nov 29
T	<b>Mastery Test 8 (Sections 7.7, 8.1, 8.2, and 8.6. There are 20 questions total.)</b>	Sun, Nov 29
<b>Week 15: Nov 30 - Dec 6</b>		
HW	<b>Final Exam Review</b>	Fri, Dec 4
<b>Week 16: Dec 7 - 9</b>		
F	<b>Final Exam</b>	Wed, Dec 9

\* Homework may be completed after the due date with a 10% penalty per day.

\*\*This course has a required lab component. For this course, the lab components are assignments that primarily consist of Study Plan assignments but may include other assignments or activities. **The lab component will represent 10% of your total grade.**