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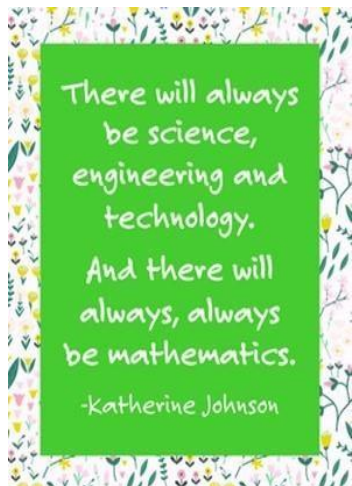College-UCF Downtown Campus**

RTV
SPRING 2021, CRN: 26171

Instructor Information
Dr. Vannetta Davis-Felix
E-mail: 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.

The Downtown Campus is a partnership between Valencia College and UCF. Some courses you take here may be cross-listed, meaning that the course is open for enrollment to students of both institutions. As a result, policies, resources, and materials may differ from courses taught at other Valencia or UCF campuses. This is a cross-listed Downtown Campus course.

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:
www.valenciacollege.edu/tutoring

Operation Days and Times:
Monday through Thursday: 7 am - 12 am (midnight)
Friday: 7 am - 5 pm
Saturday and 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.

Orientation
Zoom Information for MAT 1033 Virtual LSC Orientations

The Learning Support Center will be offering virtual orientations next week to you to some of the free resources available.
Below are the times and Zoom information.

MAT 1033 Virtual LSC Orientation Times	
Day	Time
Wednesday (1/13)	6:00 pm - 7:00 pm
Thursday (1/14)	12:00 pm - 1:00 pm
Friday (1/15)	5:00 pm – 6:00 pm
Saturday (1/16)	11:00 am - 12:00 pm

Zoom Information for MAT 1033 Virtual LSC Orientations

- **Meeting ID: 965 3828 2751**
- **Passcode: 552085**
- **https://valenciacollege.zoom.us/j/96538282751?pwd=ZFRuTUJYZXdJZ3ZUUWMvMUV5ZHpFZz09**

There is also a bonus activity option designed to help encourage you to try Distance Learning Tutoring. In this assignment you will solve a multi-step one variable equation independently. Then you will work with a tutor to check your solution and get a similar problem.

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 webite, 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 Algbera, 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 Spring 2021, 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:

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%	**A**
80% - 89%	**B**
70% - 79%	**C**
60% - 69%	**D**
0% - 59%	**F**

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.

o 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."

> o **Student withdrawal deadlines for this semester is**
> **https://valenciacollege.edu/academics/calendar/**

o A student is not permitted to withdraw after the withdrawal deadline.

o 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!

Category Key Terms		Due Dates (Due: 11:59 pm)
Category Key Terms 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		**Due Dates (Due: 11:59 pm)**
Week 1: January 11-17		
Set Up MyMathLab Course and complete Virtual LSC Orientations Diagnostic Test, and MyMathLab Orientation (MUST BE COMPLETED SO YOU ARE NOT WITHDRAWN FROM THE COURSE)		1/17
HW	2.1 Linear Equations	1/17
HW	2.2 Problem Solving	1/17
Week 2: January 18-24		
HW	2.3 Formulas and Problem Solving	1/24
HW	2.4 Linear Inequalities	1/24
HW	2.5 Compound Inequalities	1/24
Week 3: January 25-31		
HW	2.6 Absolute Value Equations	1/29
HW	3.1 Graphing Equations	1/29
LM	*Complete Study Plan for Mastery Test 1* (8 of 11 MP required for full credit)	1/31
T	**Mastery Test 1 (Sections 2.1 – 2.4. There are 20 questions total.)**	1/31
Week 4: February 1-7		
HW	3.2 Introduction to Functions	2/5
HW	3.3 Graphing Linear Functions	2/5
HW	3.4 The Slope of a Line	2/5
LM	*Complete Study Plan for Mastery Test 2* (6 of 8 MP required for full credit)	2/7
T	**Mastery Test 2 (Sections 2.5, 2.6, and 3.1. There are 20 questions total.)**	2/7
Week 5: February 8-14		
HW	3.5 Equations of Lines	2/12
HW	3.7 Graphing Linear Inequalities	2/12
HW	4.1 Solving Systems of Linear Equations in Two Variables; Applications	2/12
LM	*Complete Study Plan for Mastery Test 3* (11 of 16 MP required for full credit)	2/14
T	**Mastery Test 3 (Sections 3.2 – 3.5, and 3.7. There are 20 questions total.)**	2/14

	Week 6: February 15-21	
HW	4.3 Systems of Linear Equations and Applications	2/19
HW	Ch 6 Prerequisite (Factoring Review)	2/19
HW	5.7 Factoring by Special Products	2/19
LM	*Complete Study Plan for Mastery Test 4 (Parts 4.1, 4.3)* (4 of 5 MP required for full credit)	2/21
T	**Mastery Test 4 (Sections 4.1 and 4.3. There are 15 questions total.)**	2/21
	Week 7: February 22-28	
HW	6.1 Multiplying & Dividing Rational Expressions	2/28
HW	6.2 Adding & Subtracting Rational Expressions	2/28
	Week 8: March 1-7	
HW	6.3 Simplifying Complex Fractions	3/7
HW	6.4 Dividing Polynomials: Long Division	3/7
	Week 9: SPRING BREAK **(March 8-March 14)** **Week 10: March 15-21**	
HW	6.5 Solving Equations with Rational Expressions	3/19
HW	6.6 Rational Equations & Problem Solving	3/19
LM	*Complete Study Plan for Mastery Test 5* (11 of 15 MP required for full credit)	3/21
T	**Mastery Test 5 (Sections 5.7, and 6.1 – 6.4. There are 20 questions total.)**	3/21
	Week 11: March 22-28	
HW	7.1 Radicals and Radical Functions	3/28
HW	7.2 Rational Exponents	3/28
	Week 12: March 29-April 4	
HW	7.3 Simplifying Radical Expressions	4/2
HW	7.4 Adding, Subtracting & Multiplying Radical Expressions	4/2
LM	*Complete Study Plan for Mastery Test 6* (11 of 16 MP required for full credit)	4/4
T	**Mastery Test 6 (Sections 6.5, 6.6, 7.1, and 7.2. There are 20 questions total.)**	4/4
	Week 13: April 5-11	
HW	7.5 Rationalizing Denominators and Numerators of Rational Expressions	4/11
HW	7.6 Radical Equations and Problem Solving	4/11
HW	7.7 Complex Numbers	4/11
	Week 14: April 12-18	
HW	8.1 Solving Quadratic Equations by Completing the Square	4/16

HW	8.2 Solving Quadratic Equations by the Quadratic Formula	4/16
LM	***Complete Study Plan for Mastery Test 7*** (8 of 12 MP required for full credit)	4/18
T	**Mastery Test 7 (Sections 7.3 – 7.6. There are 20 questions total.)**	4/18
Week 15: April 19-25		
HW	8.6 Quadratic Functions and Their Graphs	4/21
LM	***Complete Study Plan for Mastery Test 8*** (9 of 13 MP required for full credit)	4/25
T	**Mastery Test 8 (Sections 7.7, 8.1, 8.2, and 8.6. There are 20 questions total.)**	4/25
Week 16: April 26-May 2		
HW	**Final Exam Review**	4/28
F	**Final Exam**	4/28

* 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.