

202230 Intermediate Algebra MAT-0022C

Course Syllabus

Summer - Full Term - 2022

Professor Cesar Leal Ferreira, PhD

Class Information:

CRN	Mode	Time of Meetings	Campus
34136	F2F	Tu & Th, 4:00 to 6:30 pm	Downtown Valencia/UCF Campus (DTC)

Important College Contacts

Executive Dean, DTC: Dr. Eugene Jones - 407-582-5508

Learning Support Services, Manager: Ning Christopher - 407-582-1120

Instructional Math Lab Supervisor: Jennifer Nelson - 407-582-3508

Instructor Information & Contacts

Name: Cesar Leal Ferreira

Email: cferreira4@valenciacollege.edu

Preferred contact method: Canvas Inbox Mail

Office Hours:

The instructor doesn't hold Office Hours. If any student need to discuss any academic matter, it is possible to schedule a chat right before or after classes. Another option to schedule a Zoom meeting, if necessary, by sending a Canvas Inbox message to the instructor.

Learning Support Center (LSC)

DPAC 330 (on glass bridge connecting the East and West wings)

The LSC offers FREE walk-in tutoring for various subjects such as math, biology, chemistry, anatomy & physiology, psychology, and more! To check to see if there is tutoring for your course(s), please visit the LSC webpage: [Downtown Learning Support Center](#). The LSC also offers FREE equipment rentals for items such as laptops, iPads, webcams, TI-84 Plus calculators, scientific calculators, writing tablets, and headphones.

Hours of Operation:

Monday – Thursday, 9 am – 9 pm

Friday, 9 am – 2 pm

Please visit the webpage to [view the most up-to-date tutoring schedule](#).

Distance Tutoring & Tech Support

valenciacollege.edu/tutoring

Valencia College continues to offer online tutoring assistance and tech support for all Downtown campus students 7 days a week via Zoom. Distance Tutoring & Tech Support is staffed by tutors and tech support assistants from across the college's campuses. This is a great supplement to the face-to-

face learning support offered on the Downtown campus. For hours of operation and to connect to Distance Tutoring, visit the webpage: valenciacollege.edu/tutoring
Please note: Brainfuse is Valencia's new 24/7 online tutoring and learning hub, which is available to all of Valencia's students. This service is best used as a back-up to Valencia's Distance Tutoring service, not as a replacement.
Brainfuse is accessible through Canvas or by visiting valenciacollege.edu/tutoring.

Course Description and Structure

Structure: Lecture

Description: This developmental course supplements the algebraic background of students prior to taking MAT1033C. This course emphasizes fundamental algebraic operations, linear equations and inequalities, properties of exponents, polynomials and factoring, introductions to rational and radical expressions, and applications of these topics. A minimum grade of C is required for successful completion. This course does not apply toward mathematics requirements in general education or toward any associate degree.

Major Topics/ Concepts/ Skills/ Issues

Whole Numbers

Integers

Rational Numbers

The Real Number Line

Properties of Real Numbers

Operations with Real Numbers

Geometric figures

Algebraic Expressions

Linear Equations and Inequalities

Polynomials and Factoring

Integer Exponents

Rational Expressions

Square Roots

Required Textbook(s) & Materials

REQUIRED: MyLab Math Online Access Kit for students

Purchasing Options: Access **MUST** be purchased by one of the following methods

- Purchase a custom Valencia/UCF MyLab Math Access Kit at the [DTC bookstore](http://DTCbookstore) at discounted rate through website: <https://ucf-vc.bncollege.com/shop/ucf-valencia/home>
--OR--
- Purchase instance access through MyLab Math with a debit or credit card.
- Important Note: For this course, MyLab Math 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 MyLab Math website, as it will not work—it can **only** be accessed through Canvas.

Note: A virtual copy of the textbook is available through MYLAB MATH, so a physical textbook is not necessary.

SUGGESTED CALCULATOR: It is not necessary to use a specific calculator for this course. If student is interested in purchasing one that will be applicable also in future courses, the following are the suggestions.

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

Course Components

Attendance

- Attendance will be taken each class period.
- You are expected to be in class on time and to remain in class for the entire period. If you are not present when roll is taken or leave before class is dismissed you will be considered **tardy (1/2 absence)**.
- In general, aside from jury duty and military duty, all absences are counted equally toward to the attendance policy. Absences are excused solely at the discretion of the instructor, who may require that you prove the existence of extenuating circumstances before excusing any absence(s).
- You are responsible for any information and/or assignments given during class, whether you are present or not.
- In-class activities cannot be “made up.”

Homework

- Homework is assigned in MyLab Math for each section covered. Refer to the MAT 0022C Daily Topics for a list of all homework assignments and due dates. Due dates are also shown in MYLAB MATH for each assignment.
- Homework can be completed after the due date for a **10% penalty** per day. (So, homework beyond five days late can still be completed, but no credit will be awarded).
- The **Ask the Instructor** feature in MYLAB MATH is the most effective way to contact your instructor about individual homework questions.

Lab Attendance: This course has a mandatory lab component. Each student must spend a minimum of 50 minutes in the Learning Support Center (DPAC 330). Each student must log-in (or sign-in) at the front desk to receive credit for lab attendance

Final Exam: A cumulative final exam will be given on **(See Final Exam Schedule)** in the same classroom. The final exam must be taken in order to pass this course. The final exam is worth 20% of your grade.

The HONORLOCK proctoring solution will be used, if necessary, which requires:

- 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).
- [Google Chrome](#) downloaded (required browser).
- [Honorlock Chrome Extension](#) downloaded.

Support access is built into Honorlock in real-time. If you encounter any issues during an exam, you can contact support by live chat within the Honorlock window in Canvas, by phone (855-828-4004), and/or by email at support@honorlock.com. For answers to common questions on online proctoring, visit the [Student FAQ](#) page or Honorlock’s [student information website](#).

Grading Policy

Assessment	Percentage of Overall Grade
Attendance	5%
Homework	30%
Lab Minutes	15%
Unit Exams (mastery Tests)	30%
Final Exam	20%
Total	100%

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

Make-Up Policy

Requests to make-up assignments and tests will only be considered before the Final Exam week, with outstanding and documented reason (medical condition, for example).

- For the sake of clarity, if students do not complete an assignment or test by the due date, a zero score will be automatically assigned for each incomplete question. Homework can be completed after the due date for a **10% penalty** per day on the questions completed after due date.
- The best practice is to contact the instructor BEFORE the due dates, if you experience any difficulties in meeting any deadlines.
- In the case of a prolonged online absence due to illness, family emergency or any other extreme situation, communicate with me as soon as possible to create a plan for the best course of action.
- Make-Up Final Exam is not permitted.

Withdraw Policy

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.”
 - **Important Dates and Deadlines, including withdrawal dates, may be found here:** <https://valenciacollege.edu/academics/calendar/>
- A student is not permitted to withdraw after the withdrawal deadline.
- **Important Note: The professor CANNOT withdraw students of the Downtown Campus - if needed, it is up to the student to process it.**

Academic Honesty

For the sake of clarity, plagiarism or cheating of any form will be cause for **immediate dismissal from this class, a course grade of F and referral to the Dean of Student Affairs/Mathematics**. Cheating is defined by any behavior that can be construed as blatant dishonesty as: 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, or not following proper procedures for taking a test as prescribed by the instructor. **Cheating is not aligned with our values and expectations, therefore will not be accepted in any form.**

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 proper documentation of disabilities (Danelle Maschoff, 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

- You are encouraged to actively participate and ask pertinent questions during class. Courtesy will be observed at all times.
- Your attitude will greatly affect your ability to succeed in this course. It will also affect your classmates’ attitudes should you choose to participate in class discussions. Always consider this carefully before you speak or act.
- **Cell phones, pagers, or other devices that are audible are not permitted to be on during class. Texting is not permitted 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.

- To create a good environment for learning, avoid sidebar conversations with other students while work is being done at the board, rude comments or remarks, raised voices or confrontational comments. Follow instructions given by your instructor, who serves as your classroom manager.
- If your actions in class are deemed by your instructor to be disruptive, you will be asked to leave class immediately. If you are ever asked to leave class, you may be permitted to return to future class meetings after consultation with your instructor outside of class. You may also be required to arrange a conference with another college official before a determination is made on whether you will be attending class again.

Valencia Community College wants graduates to possess and demonstrate a set of global competencies including the ability to **THINK, COMMUNICATE, VALUE AND ACT**. To help you acquire and improve your ability to show 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.

Recording Lectures

Students may record video and/or audio of class lectures for their personal use. Recordings may be a useful tool to support your learning and provide a resource for review. It is important to be respectful of your peers' rights to privacy; with that in mind, please refrain from recording your peers during lectures. You may not record class discussions, student presentations, labs, group work, and private conversations. Further, you may not publish or share recordings without my written consent, nor may you provide recordings to classmates as a substitution for class participation and attendance. If necessary, I will handle violations of this section through the College's Student Code of Conduct.

Communication Policy

The instructor will only correspond with you through your Atlas e-mail or **Canvas (preferably)** only. Students are expected to **check Canvas inbox and announcements every week**. Students are expected to read and follow instructions sent by the instructor on time. The instructor will not correspond using other means as PDA, cell phone, SMS, Social Medias, or replying to non-Valencia mail accounts. All electronic communications should be respectful and professional. Students are encouraged to use complete sentences and proper grammar, but mistakes will not be judged or graded at all.

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

Amendment

These policies may be amended in favor of the student's success in the course at the instructor's discretion.

Questions

Students are welcomed to ask any questions regarding this Syllabus, using my contact information (Canvas inbox or email).

Attachment: MAT0022C – Weekly Topics – Summer 2022

MAT 0022C Schedule - Dr. Leal

FACE TO FACE - SUMMER 2022
T R | 04:00 – 06:30 PM | DPAC RM: 279

Dates		Due Dates (Due: 04:00 pm)
Week 1	May 9 to 15	
	Chapter 1 (1.7 & 1.8)	May 17
	Chapter 2A (2.1-2.3)	May 17
	Chapter 2B (2.4 & 2.5)	May 17
	Lab 1: Orientation	May 17
Week 2	May 16 to 22	
	Chapter 4 (4.3)	May 24
	Chapter 4 (4.4 and 4.5) Chapter 5 (5.2-5.5)	May 24
	CH 1,2,4,5 Study Guide Review Homework	May 24
	Lab 2: Order of Operations & Study Skills - Math Anxiety	May 24
Week 3	May 23 to 29	
	Mastery Test 1	May 24
	Chapter 3 (3.1-3.4)	May 31
	Sections 4.8/5.6	May 31
	Lab 3: Combine Like Terms	May 31
Week 4	May 30 to Jun 5	
	Chapter 9A (9.2-9.4)	Jun 7
	Chapter 9B (9.5 & 9.6)	Jun 7
	Lab 4: One Variable Linear Equations	Jun 7
Week 5	Jun 6 to 12	
	Chapter 6A (6.1 & 6.2)	Jun 14
	Chapter 6B (6.3 & 6.4)	Jun 14
	Chapter 6C (6.5 & 6.6)	Jun 14
	Chapter 6D (6.7)	Jun 14
	Lab 5: Me, Myself & Math	Jun 14
Week 6	Jun 13 to 19	
	Mastery Test 2	Jun 14
	Chapter 10A (10.1-10.4)	Jun 21
	Chapter 10B (10.5-10.7)	Jun 21
	Lab 6: Study Skills - Test Taking Tips	Jun 21
Week 7	Jun 20 to 26	
	Chapter 11A (11.1-11.3)	Jun 28
	Chapter 11B (11.4-11.6)	Jun 28
	Lab 7: Properties of Exponents	Jun 28
Week 8	Jun 27 to Jul 3	
	Chapter 12A (12.1 & 12.2)	Jul 5
	Chapter 12B (12.3 & 12.4)	Jul 5

	Lab 8: Factoring	Jul 5
Week 9	Jul 4 to 10 (Jul 4 – Independence Day)	
	Mastery Test 3	Jul 5
	Chapter 13A (13.1 & 13.2)	Jul 12
	Chapter 13B (13.3 & 13.4)	Jul 12
	Lab 9: Simplify Rational Expressions	Jul 12
Week 10	Jul 11 to 17	
	Chapter 15A (15.1-15.3)	Jul 19
	Chapter 15B (15.4 & 15.6)	Jul 19
	Lab 10: Study Skills – Attitude and Motivation	Jul 19
Week 11	Jul 18 to 24	
	Mastery Test 4	Jul 19
	Review for Final Exam	Jul 26
Week 12	Jul 25 to 31	
	FINAL EXAM – Probable date: Jul 26	Jul 26

* 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 weekly assignments that primarily consist of Study Plan assignments but may include other assignments or activities.