

GRAPHING CALCULATOR:

A graphing calculator is used heavily in this class. The preferred calculator is the Texas Instruments 83, 83 plus, 84 or 84 plus. The instructor will be using a TI 84 plus for classroom examples and exercises. If you use another graphing calculator you are responsible for learning how to use your own calculator. A graphing calculator that performs symbolic manipulations (TI89, TI92 or TI Inspire), computers, cell phones, iPads, or iPods are not permitted during class, quizzes or tests.

Competencies of a Valencia Graduate:

1. Think clearly, critically, & creatively by analyzing, synthesizing, integrating & evaluating knowledge.
2. Evaluate your own & others' values from individual, cultural & global perspectives.
3. Communicate by reading, listening, writing & speaking effectively.
4. Act purposefully, reflectively, & responsibly by implementing effective problem solving & decision making.

CLAST (College Level Academic Skills Test) Competencies:

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

VCC SUPPORT at the Osceola Campus:

Tutoring is available in the Math Depot located in Bldg. 4, Room 121; 321-682-4146.

Tests should be taken by the scheduled date for full credit, but may be taken earlier.

Testing Center is in room 4-248; 407-582-4149. A photo ID is needed.

Hours of Operation:	Monday - Thursday:	8:00 am - 9:00 pm
	Friday:	8:00 am - 5:00 pm
	Saturday:	8:00 am - 12:00 pm

ATTENDANCE POLICY:

Attendance is required at your assigned class time. If your instructor determines that you have missed too many classes you may be withdrawn. **You may be withdrawn after your third absence (third week)**. No absences will be excused unless legal or medical documentation can be provided. Students are responsible for all class materials and any announcement made in class whether or not they are present. Regular attendance and participation are significant factors to promote success in the course. If you do miss a class and would like to sit in another class to see the material missed, you may do so provided there is room in that class.

WITHDRAWAL POLICY:

Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the withdrawal deadline of **(Friday, July 7th, 2017)** will receive a grade of "W." A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of "W." If the professor does not withdraw you, your grade will be what you had earned. 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."

GRADING SCALE:

The grading scale for this course is:

A: 100% to 90% B: 89% to 80% C: 79% to 70% D: 69% to 60% F: 59% to 0%

GRADESOURCES:

Grading for this course will be derived from the following:

1. Homework - online	100 points
2. Quizzes - online	100 points
3. Attendance (12/12 = 100%, 11/12 = 92%, 10/12 = 83% ...)	<u>100 points</u>
4. Tests- three tests - Testing Center	300 points
5. Final Exam (comprehensive)	<u>200 points</u>
Total	800 points

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 test score, the final exam may replace one exam score - provided the final exam score is a 70% or better.

OFFICE FOR STUDENTS WITH DISABILITIES:

Students with disabilities who qualify for academic accommodations must provide a notification from the office for students with disabilities (OSD) and discuss specific needs with the instructor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities.

ACADEMIC HONESTY:

Each student is expected to be in complete compliance with the college policy on academic honesty as set forth in the admissions catalog and the student handbook. 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.

INSTRUCTOR AVAILABILITY:

The instructor is here to help, so please, do not hesitate to ask for assistance. Instructor is available before and after class, or by appointment. A substantial amount of time is usually dedicated to answer questions before lecture. Appointments are highly recommended because the instructor is on campus on class days only.

CLASSROOM ETIQUETTE:

1. Students must refrain from using cell phones in class. Not only is it a distraction to the instructor and those around you, but you are taking away from your learning time.
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. Texting during lecture is absolutely prohibited.
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.

EXPECTED STUDENT CONDUCT:

Valencia College is dedicated not only to the advancement of knowledge and learning but is concerned with the development of responsible personal and social conduct. By enrolling at Valencia College, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct. Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the faculty to leave the class. Violation of any classroom or Valencia's rules may lead to disciplinary action up to and including expulsion from Valencia. Disciplinary action could include being withdrawn from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook.

The primary responsibility for managing the classroom environment rests with the faculty. What constitutes disruption? Disruption as applied to the academic setting means behavior that a faculty member would view as interfering with normal academic functions such as, but are not limited to:

Persistently speaking without being recognized

Interrupting other speakers

Behavior that distracts the class from the subject matter of discussion

Behavior that interferes with the instructor's ability to carry out the educational process

In extreme cases, physical threats, harassing behavior or personal insults

Refusal to comply with direction from faculty or instructional assistants

Disruptive students in an academic setting hinder the academic process and negatively impact student learning. Disruptive student conduct is prohibited by Valencia College's Student Code of Conduct policy (10-03) which includes a specific section on standards for classroom conduct <http://www.valenciacollege.edu/policies/>.

DISCLAIMER STATEMENT:

This syllabus may be altered, at the instructor's discretion, during the term. It is the responsibility of the student to make any adjustments as announced.

COURSE COMPETENCIES and OUTCOMES:

After completing this course, the student should be able to:

Graph and solve linear, quadratic, exponential and inverse functions.

Recognize families of functions and perform transformations.

Solve applied problems.

Communicate their findings effectively.

Use technology tools for the analysis of methods and results.

MAC 1105 College Algebra - Tentative Schedule

Week #	Dates (THU)	Section (s)	Topic (s)	Hmwk Grade	Quiz Grade	Test Grade
1	May 11 th , 2017	2.2	Intercepts and Symmetry			---
2	May 18 th	2.3	Lines, Parallel and Perpendicular			---
3	May 25 th	4.1 & 8.1	Functions and Systems			---
Test #1 - Deadline: Thursday, June 1st at EOD - Sec 2.2, 2.3, 4.1 and 8.1						
4	June 1 st	1.2, 3.1, 4.3, 4.4 & 4.5	Quadratic Equations and Functions - I			---
5	June 8 th	2.1 & 2.4	Distance, Midpoint and Circles			---
6	June 15 th	3.2, 3.3, 3.4 & 3.5	Graph and Properties of Functions			---
Test #2 - Deadline: Thursday, June 22nd at EOD - Sec 1.2, 3.1, 4.3, 4.4, 4.5, 2.1, 2.4, 3.2 and 3.3						
7	June 22 nd	5.1, 5.2 & 5.3	Polynomials			---
8	June 29 th	8.6 & 8.7	Systems of Equations			---
9	July 6 th	6.1 & 6.2	Composition and Inverse Functions			---
Test #3 - Deadline: Thursday, July 13th, at EOD - Sec 3.4, 3.5, 5.1, 5.2, 5.3, 8.6, 8.7, 6.1 and 6.2						
10	July 13 th	6.3 & 6.4	Exponential/ Logarithmic Functions - I			---
11	July 20 th	6.5, 6.6 & 6.8	Exponential/ Logarithmic Functions - II			---
12	July 27 th	Final Exam	Final Exam is a paper test. It contains 53 multiple choice questions + a few free-response questions.			