CONTACT/COURSE INFORMATION

Instructor: Natalie Angelis
Email: nangelis@valenciacollege.edu or natalie.angelis@ocps.net
Building/Room: Lake Nona Campus Bldg 1 – Room 203
Class Time: Tue / Thu 8:00 AM – 11:20 AM
Office Hours: before or after class in room 203

Text & Required Supplies:
- MyMathLab for College Algebra, 10th Edition by Sullivan (red or white cardboard access code for online homework system purchased from Valencia bookstore for $94  INCLUDES ebook for course)
- 3 ring binder, pencils, paper
- Scientific or graphing calculator
- Regular computer access for MyMathLab online homework and quizzes

Note: A graphing calculator is strongly recommended for all college level mathematics courses at Valencia College. A TI-83 or TI-84 is recommended and what the instructor will use for demonstrations. Financial aid can be used toward the purchase of a graphing calculator. Check with the financial aid office for more information.

COURSE DESCRIPTION & PREREQUISITES

This is a Gordon Rule class designed to complete a math requirement for graduation. This course includes discovery of the following topics: graphing and the exploration of the linear, quadratic, rational and exponential families of functions, systems of linear equations and inequalities, inverse functions, direct and indirect variation, complex numbers, and solving applications of the above topics and the communication of mathematics.

A minimum final course grade of C is required for successful completion of this course.

Prerequisites: A grade of C or better in MAT1033C or appropriate score on an approved assessment such as PERT.

Credits: 3

Valencia College Algebra Competencies - students are expected to possess and demonstrate the following competencies by the end of this course:

- Find zeros, sketch or graph rational and polynomial functions
- Convert between exponential and logarithmic functions
- Determine symmetry, extrema, inverses, and one-to-one graphs of functions
- Compute average rate of change for linear and quadratic functions
- Solve linear and quadratic equations and inequalities and graph them
- Solve higher degree polynomial equations and inequalities algebraically and graphically
- Systems of linear equations and inequalities
- Applications of the above topics
COMPETENCIES OF A VALENCIA GRADUATE

- **Think.** Think clearly, critically, and creatively. Analyze, synthesize, integrate, and evaluate in many domains of human inquiry.
- **Value.** Make reasoned value judgments and responsible commitments.
- **Act.** Act purposefully, reflectively, and responsibly.
- **Communicate.** Communicate with different audiences using varied means.

CLASSROOM COURTESY

It is courteous to arrive to class on time, pay attention, participate in class discussions, and respect others' opinions and learning styles. If you are disruptive, you will be asked to leave the class and will be responsible for all material covered in your absence. Please place your cell phones on vibrate or silent and refrain from using them or texting during class. Do not bring friends or children to class. To create a good environment for learning, avoid conversations with other students, rude comments, and/or remarks, raised voices or confrontational comments. If you do not understand a concept, please raise your hand!

ATTENDANCE POLICY

Math students are most successful when they are active participants in their class. You are expected to attend every class meeting, unless and illness or emergency makes it impossible for you to do so. You are responsible for any information and/or assignments given during class. In-class activities cannot be made up. If you are absent on a day that an in-class activity occurs, your grade is likely to be adversely affected. You MUST notify your instructor IN ADVANCE of the class if you will not be attending in order for it to be an excused absence.

Note: This course contains a strongly recommended lab component. Students are strongly recommended to physically attend the tutoring center every week to work on homework and ask questions. Extra credit is available for those students who have documented time of more than an hour each week in the lab.

If you do not attend the first week of classes, you will be withdrawn from the class as a “no show”. The instructor reserves the right to withdraw a student who is absent for 3 or more classes.

Students may withdraw at any time until **Jul 22nd** and receive a grade of “W”. If a student exceeds the number of absences allotted and/or the Withdrawal Deadline has passed, the student will receive an “F”.

**Before you withdraw from a course, you should be aware that course withdrawals:**

- Will increase the cost of your education
- May affect your financial aid status
- May affect your transfer grade point average
- May result in your having to pay the full cost of instruction fee to retake the course
- May affect your anticipated graduation date
- May result in your being denied access to limited access programs
- May affect your eligibility for the Honors Program
- May affect your immigration status if you are attending Valencia on a nonimmigrant visa
- Will result in your required repayment of course fees paid by a Bright Futures scholarship.

See your professor or a Student Services staff member to discuss how a withdrawal will affect your career and education plans and/or the status of your financial aid.
EVALUATION PROCESS

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<thead>
<tr>
<th>COMPONENT</th>
<th>WEIGHT</th>
<th>SCORE</th>
<th>GRADE</th>
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<tbody>
<tr>
<td>Attendance</td>
<td>5%</td>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>Homework (Mastery Points)</td>
<td>10%</td>
<td>80-89.9%</td>
<td>B</td>
</tr>
<tr>
<td>Online Quizzes</td>
<td>25%</td>
<td>70-79.9%</td>
<td>C</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>30%</td>
<td>60-60.9%</td>
<td>D</td>
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<tr>
<td>Final Exam</td>
<td>30%</td>
<td>&lt; 60%</td>
<td>F</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
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**MIDTERM AND FINAL EXAM**

The Midterm Exam and the Comprehensive Final Exam in this course are both MANDATORY and are each worth 30% of the final course grade. Any student who does not attempt the Midterm Exam and the Comprehensive Final Exam will receive a “0”, which will impact their final average in the course.

The Midterm Exam and the Comprehensive Final Exam can be taken ONLY once! These are proctored, unassisted paper-and-pencil exams and the grade earned on the Exams CANNOT be dropped or replaced. There is no extra credit associated with either exam. The exam grades are based on the number of problems answered correctly!

**HOMEWORK**

There is a strong correlation between the amount of time spent doing problems and high grades in this course. Practice Mastery problems from each section of the text will be assigned online for homework and should be completed every day of the 6 weeks of the class. There will be time in class to answer any questions you may have, so please come prepared to ask questions. The homework will be checked by taking a homework Mastery quiz at the end of each chapter. Expect to spend 10 – 15 hours a week on Math outside of class time.

**IMPORTANT DATES**

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>TUE Jun 28th</td>
<td>Drop (with Refund) Deadline</td>
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<tr>
<td>MON Jul 4th</td>
<td>NO CLASSES Fourth of July Holiday</td>
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<tr>
<td>FRI JUL 22nd</td>
<td>Withdrawal Deadline for Grade of “W”</td>
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<tr>
<td>TUE AUG 2nd</td>
<td>Final Exam for Summer 2016 class</td>
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<td>8 am in classroom 203</td>
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MASTERY POINTS and MASTERY QUIZZES
The key to success in this class is the online mastery points and mastery quizzes. They are required (for a grade) and also allow you to practice what you have learned in class. It is VERY IMPORTANT that you work on these a little EVERY DAY. You cannot wait until the last minute and expect to be successful. You must complete all the mastery points for a given section before the Mastery Quiz will open. There are no deadlines for the Mastery Points but there are deadlines for the Mastery Quizzes.

Online mastery quizzes will be assigned throughout the semester. Online assignments will not be reopened after the due date for any reason. Every quiz score will be used in the computation of your average but it is possible to earn a better grade later in the semester and switch for one lower quiz grade. No missed quiz will be allowed to be retaken unless a valid documented excuse (police report, doctor’s note, etc) has been presented or an arrangement has been made prior to the date of quiz.

ACADEMIC HONESTY
You are allowed to work together on homework and class activities. You are NOT allowed to work together on quizzes or tests. All work should be your own without any outside assistance. If you are caught receiving OR giving information to others, you will, at a minimum, receive a zero on that assignment, and a grade reduction for the entire course. All students are expected to be in compliance with Valencia College’s policies on academic honesty (see Valencia’s website for detailed policy http://valenciacollege.edu/generalcounsel/policy/pdf/8-11-NF-NN-Academic-Dishonesty.pdf) In no instance will cheating of any type be tolerated in this course. Students who plagiarize or cheat in any way risk automatic failure of the class and/or expulsion from the college.

RESOURCES
Your instructor is VERY interested in your success in this course. Please email any questions at any time. Form study groups or find a study buddy. Working with fellow classmates can foster learning and understanding of the material as well as help you throughout the semester.

**MATH LAB**  
**Location: 1-230**  
Computer lab for doing homework, logging in to Blackboard and MyMathLab, finishing lab activities.

**Tutoring Center**  
**Location: 1-230**  
Phone: (407) 582-7106
The Math tutoring center provides tutoring for MAT0028C MAT1033C and MAT1105C courses. They also hold review sessions for the final exam and throughout the semester. It is STRONGLY RECOMMENDED that you visit the tutoring center for at least 30 minutes every week of this course.

**The Testing Center**  
**Location 1-206**  
Phone (407) 582-7104
Tests for this class may be administered in the testing center. Please see their web site for hours of operation. Make sure you have your Valencia ID or you will not be allowed into the testing center.
TECHNOLOGY POLICY
This course requires the use of technology and relies heavily upon online work. You are expected to check MyMathLab and your Atlas email daily and prior to every class meeting to ensure that you have the most current information. Computers are available on campus if you do not have one. All class updates and announcements will be made through your Atlas email account. All emails exchanged by students and professors should be respectful and professional. Student emails must contain the student’s name, course name, course meeting dates/times, and a complete message using respectful language, complete sentences, and proper grammar. Emails will be answered as soon as possible.

If you experience any technical issues, call the support number below.

- Blackboard Help Desk: (407) 582-5600 or onlinehelp@valenciacollege.edu

STUDENTS WITH DISABILITIES
Any student who feels he/she has the need for special adaptation to the learning environment due to a disability is asked to schedule an appointment with the Office for Student with Disabilities (OSD), room 2-152. Students with disabilities who qualify for academic accommodations must provide a letter from the OSD and discuss specific needs with the professor, preferably during the first two weeks of class. The OSD determines accommodations based on appropriate documentation of disabilities.

DISCLAIMER STATEMENT
The instructor reserves the right to change the evaluation procedure or syllabus at any time. The instructor will notify you if this occurs.