MAT 1033C Intermediate Algebra Syllabus
Fall 2018
CRN 15293

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Class Meeting Information:

Day	Time
Monday and Wednesday	4:00pm – 5:15 p.m.

(Building 1 room 304)

Office Hours:

If you would like to meet with the instructor, please email me to schedule an appointment to meet during an alternate time.

Course Description:

Prerequisite: Minimum grade of C in MAT0022C or MAT 0028C or MAT 0055 or MAT 0056 or appropriate score on an approved assessment. 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, introductions to functions, factoring, algebraic functions, rational equations, radical and rational exponents, complex numbers, quadratic equations, scientific notation, applications of the above topics and the communication of mathematics. Applications emphasizing connections with disciplines and the real world will be included. This course carries general elective credit but does not satisfy either Gordon Rule or general education requirements. (Special Fee: $59.00)

Credit Hours: 3

Course Objectives:

The student will be able to
- Use the graphing calculator to enhance and visualize mathematical concepts.
- Understand the properties of exponents, and work with real life applications such as scientific notation, and formulas like compound interest.
- Recognize the mathematical function concept and describe relationships between variables in real world situations.
- Use functions expressed verbally, numerically, graphically, and symbolically.

- Recognize, model, and analyze linear equations, linear inequalities, systems of linear equations, rational expressions, and quadratics in real world situations.
- Recognize and analyze polynomials and radical expressions in real world situations.

Course Materials:

MyMathLab:

You are required to purchase access to MyMathLab (the online homework system for <u>Intermediate Algebra</u>, 7th Edition, by Martin-Gay ISBN 9781269446365). This is a cardboard access code that can be purchased at the Valencia bookstore for $94 and contains the course eBook. **(Note: Canvas is not used in this course. Course materials are always accessed through MyMathLab.)**

Calculator:

In an effort to enhance your skills in the use of technology, this course will include some activities and examinations that will require the proper use of scientific calculators. Therefore, scientific calculators are required for this course. If you plan to continue studying mathematics, you might consider purchasing a TI-84 Plus graphing calculator now, as it is the frequently used model in the "Gordon Rule" math courses. If you are receiving financial aid, it may be possible to utilize some of your funds to purchase your calculator. Check with the financial aid office for more information.

Attendance and Withdrawal Policy:

Attendance:

You are expected to attend every class meeting unless an illness or emergency makes it impossible for you to do so. Absences are excused solely at the discretion of the instructor. Proof of the existence of extenuating circumstances must be shown for any absence(s) to be excused. You are responsible for any information and/or assignments given during class, whether or not you are present. You are expected to be in class on time, and to remain in class for the entire period unless permission to leave early has been granted by the instructor. It is disruptive to arrive or depart while class is in session. **Excessive absences (4 or more) will lead to poor performance in the course and may lead to a withdrawal by the professor. Students who are excessively absent may not be permitted to make up examinations and must take full responsibility for any class material that is missed.** Policy Website Link: http://valenciacollege.edu/generalcounsel/policy/documents/Volume4/4-07-Academic-Progress-Course-Attendance-and-Grades-and-Withdrawals.pdf

Withdrawal:

If you do not attend the first week of classes, you may be withdrawn from the class as a "no show". The instructor holds the right to withdraw a student who is

absent for 4 (or more) classes. Absences are excused solely at the discretion of 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 of November 9th, 2018 for fall full term classes will receive a grade of a "W." 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 an "F." **The professor may choose to not withdraw a student after the withdrawal deadline. Therefore it is <u>YOUR</u> responsibility to withdraw prior to the withdrawal deadline.**

Grading Policy:

Your grade for this course will be determined by grades on Online Mastery Points, Online Mastery Quizzes, a Lab, Midterm Exam, and Final Exam. Grades will not be disclosed over the telephone or via e-mail, only through your Atlas or MyMathLab accounts. You must meet with the instructor if you wish to discuss your grade.

Component	Weight
Online Mastery Points	15%
Online Mastery Quizzes	20%
Lab	15%
Midterm Exam	25%
Final Exam	25%

The following scale will be used for graded assignments as well as for computation of the course grade:

Percentage	Letter Grade
89.5 – 100%	A
79.5 – 89.4%	B
69.5 – 79.4%	C
59.5 – 69.4%	D
0 – 59.4%	F

Online Mastery Quizzes:

There will be eight online mastery quizzes in MyMathLab worth 2.5% each. The quizzes will be taken at home and will be timed. It is the student's responsibility to secure a reliable Internet connection when taking the online quizzes. The due dates for the quizzes can be found on the course schedule on the last page of this syllabus as well as in MyMathLab.

Prior to each mastery quiz, students must complete **all** of the Mastery Points in the corresponding Study Plan. To earn each Mastery Point, students must score at least an 80% on the "Quiz Me" associated with that Mastery Point. Once all of the Mastery Points have been completed in the Study Plan, the Mastery Quiz will unlock and you will be able to take the Mastery Quiz. If you do not finish all of the Mastery Points,

you will not be able to access the Mastery Quiz, and you will earn a 0%. **There will be no extensions on any quizzes except in emergency circumstances approved by the instructor. Otherwise, late quizzes will not be accepted, so it would be wise to complete your quizzes early.**

Lab

This course contains a lab component combined with the overall course grade. The 15% lab grade is further broken down by 10% lab assignments and 5% lab attendance. Students are required to **log in** a total of 50 minutes per week to complete lab assignments in the **Lake Nona** Learning Support Center. The 50 minutes does not have to be completed all in one sitting. The lab assignments are located in the lab manual that will be provided to you during the first week of the course. An electronic version of the manual is available on the computers in the lab. The assignments require you to think critically and apply the concepts that you have learned in class. You are encouraged to work together and to receive help from the tutors. Lab hours are Monday through Thursday from 9am - 7pm in room 230. The lab is also open from 7pm - 9pm (in the library); however, there will not be a tutor present to assist you during that time. Lab hours on Friday are from 10am – 4pm in room 230. Lab hours on Saturday are from 9am – 1pm.

Midterm and Final Exam:

A paper-and-pencil midterm and final exam worth 25% each will be taken in class. Study information for the exams will be in MyMathLab. Not taking the final exam will result in a grade of an "F".

I do not allow make up exams unless you have a documented emergency, so be sure to be present for all scheduled exams. Examples of documented emergencies include military service, jury duty, hospitalization, or a death in the immediate family. The instructor reserves the right to determine if a situation constitutes an emergency. Proper documentation must be provided. If you know ahead of time that you will miss an exam, contact me in advance to schedule a time (before the regularly scheduled exam date) to take the exam in the testing center. If you use more than 5 minutes over your allotted time in the testing center, you will earn a zero on the exam. Be sure to check the testing center's hours and policies prior to taking an exam.

Technology Policy:

Computer Use:

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 own one.

Email:

Emails will only be exchanged through your Atlas email account. Students are expected to check their Atlas email daily. Any class updates, announcements, syllabus changes, etc. will be communicated through MyMathLab, Canvas and/or your Atlas email. All emails exchanged by students and the professor should be respectful and professional. Student emails must contain the student's name, course name, course meeting days/times, and a complete message using respectful language, complete sentences, and proper grammar. Emails are answered Monday through Friday.

Academic Honesty:

All students are expected to be in complete compliance with Valencia College's policies on academic honesty (see Valencia's website for detailed policies). In <u>no</u> instance will cheating of any type be tolerated in this course. Students who plagiarize or cheat in any way will risk automatic failure of the class and/or expulsion from the college. The professor reserves the right to determine the appropriate penalties within Valencia's Academic Honesty policies: http://valenciacollege.edu/generalcounsel/policy/documents/Volume8/8-11-Academic-Dishonesty.pdf

Expected Student Conduct:

You are expected to be in class on time, and to remain in class for the entire period unless permission to leave early has been granted by the instructor. It is disruptive to arrive or depart while class is in session. You are responsible for any information and/or assignments given during class, whether you are present or not.

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 attending class again.

Violation of any classroom or Valencia's rules may lead to disciplinary action including withdrawal from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. Valencia College Student Code of Conduct: http://valenciacollege.edu/generalcounsel/policy/documents/Volume8/8-03-Student-Code-of-Conduct.pdf

Tutoring and Support Materials:

The Tutoring Center (building 1 room 230) has tutors available for walk-in assistance, no appointment necessary. Tutors have been instructed to guide you through the problem solving process and utilize the materials you have available through your course. Since the tutor's goal is to help you become an independent learner, he/she will let you do the work as much as possible. The learning process requires a regular investment of your time, and

patience is the key. For more information, visit:
http://valenciacollege.edu/lakenona/LNCTutoring.cfm

Fall Hours:
    Tutoring Center: Monday – Thursday: 9am – 7pm, Friday: 10am – 4pm, Saturday: 9am – 1pm
    Open Access Computer Lab and Library: Monday – Thursday: 9am – 9pm, Friday: 10am – 4pm, Saturday: 9am – 1pm

Students with Disabilities:

Students with disabilities who qualify for academic accommodations must provide a Notification to Instructor (NTI) form from the Office for Students with Disabilities (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. OSD can be reached on the Osceola Campus (Building 2 room 140A) or by phone at (407) 582-4167 TTY: (407) 582-1222.

Valencia ID Cards:

Valencia identification cards are required for the testing center and Valencia's student support services. No other form of ID at those locations will be accepted. Valencia ID's can be obtained at the Security Office located in room 150.

Student Assistant Program (SAP):

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.

Valencia Core Competencies:

This course seeks to reinforce the following Valencia Student Competencies:
- **Think** clearly, critically and creatively by analyzing, synthesizing, integrating and evaluating symbolic works and truth claims.
- Reflect on your own and others' **values** from individual, cultural and global perspectives.
- **Communicate** by reading, listening, writing and speaking effectively.
- **Act** purposefully, reflectively and responsibly by implementing effective problem solving and decision making strategies.

Disclaimer:
This syllabus and the related course schedule may be changed at the discretion of the instructor.