

## MAT 1033C INTERMEDIATE ALGEBRA - SYLLABUS

Term/Year:	Fall 2017
CRN:	11119 (Class: 8-235 T/R: 2:30 PM - 3:45 PM)
<b>Class Key:</b>	<b>Valenciacollege 5514 9600</b>
Professor:	Dr. Agatha Shaw
E-mail:	ashaw17@mail.valenciacollege.edu
Office:	8-249 ext: 2117
Student Engagement Hours (OFFICE):	Tuesday and Thursday: 11:55 AM - 02:25 PM
Student Engagement Hours (E-MAIL):	Monday and Wednesday: 8:30 PM -10:30 PM
	Friday: 8:30 PM – 9:30 PM
Preferred Contact:	ATLAS E-Mail: ashaw17@mail.valenciacollege.edu
WebAssign Student Help System	<a href="http://www.webassign.net/manual/student_guide/">http://www.webassign.net/manual/student_guide/</a>
WebAssign Student Support	(800) 955-8275

This syllabus is a contract between the student and the instructor. By enrolling in and then attending this course, the student agrees to and accepts the terms and conditions of this contract. It is the responsibility of the student to carefully read this syllabus/contract in its entirety and to adhere to all policies and procedures within the syllabus.

### COURSE DESCRIPTION

Prerequisite: A minimum grade of C in either MAT 0022C or MAT 0028C or MAT 0055 or MAT 0056 or an 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, introduction 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)

### EDUCATIONAL MATERIALS

**Textbook:** Intermediate Algebra - Connecting Concepts Through Applications, 1/E, by Mark Clark and Cynthia Anfinson, with a valid WebAssign Access Code.

**Required Access Code:** WebAssign Access Code (You will need a valid WebAssign Access Code and the **Class Key** to register at <http://www.webassign.net> for your graded course homework and quizzes.) Your **Class Key:** **valenciacollege 5514 9600**

**Calculator:** TI-84 Plus

### COURSE OUTCOMES:

Upon completion of this course, students will be able to

- Analyze situations where mathematical reasoning is an appropriate tool.
- Determine equivalent forms of expressions.
- Implement study skills.
- Analyze functions.

## OUTLINE

This course will be divided into four units. Below is a schedule showing the approximate content and tentative test dates. Exact test dates will be announced in class. Only selected parts of the chapters will be covered.

	Test Materials	Test Date		Test Materials	Test Date
<b>Unit 1</b>	Chapter 1 -2	<u>09/26</u>	<b>Unit 2</b>	Chapter 3 -4	<u>10/26</u>
<b>Unit 3</b>	Chapter 7	<u>11/14</u>	<b>Unit 4</b>	Chapter 8	<u>11/30</u>

**Comprehensive Final Exam** will be on Thursday, **December 14, 2017 1:00 – 3:30PM.**

## TIME COMMITMENT

Note that any college course requires at least two hours of "study-time" for every lecture hour. Thus, you should allocate at least another six hours a week on "study-time" activities such as reading your textbook and working on assigned homework.

## GRADING POLICY

Homework and Quizzes	20%
Class Participation and Attendance	10%
Four Progress Tests	40%
Final Exam	20%
Lab Participation and Attendance	10%
<b>Total Percentage</b>	<b>100%</b>

## EVALUATION POLICY

Your final letter grade will be determined according to the scale as follows:

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

## MAKE UP POLICY

If a scheduled test is missed because of a medical emergency or legal situation, your final exam grade will be used in place of the missed test score. Only ONE test can be missed with a valid excuse. Please note there is no make-up final exam. **Failure to pass/take the scheduled final exam automatically results in an F grade for the course.**

## WITHDRAWAL POLICY

Please see **Important Dates** for the withdrawal deadline for a **W** grade.

Note that if lack of attendance is affecting your grade in this course, then your professor will withdraw you from the course before the withdrawal deadline. After the withdrawal deadline, all students will receive the appropriate grade earned. **NOTE: 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".**

## TECHNICAL PROBLEMS

Technical problems such as power outages and unavailability of Internet connections can happen. Do not wait until the last minute to complete your assignments or quizzes. Technical problems are not an acceptable excuse for work that has not been completed by the due date.

If your computer freezes, restarts, or loses its Internet connection during a quiz, the quiz will be marked as "Incomplete". When you resume the quiz, your answers and remaining time will be loaded from your previous session.

### For WebAssign student support:

The telephone number is 1-800-955-8275. Alternatively, you may want to check out the WebAssign Student Help System at this URL link: [http://www.webassign.net/manual/student\\_guide/](http://www.webassign.net/manual/student_guide/).

## CORE COMPETENCIES OF A VALENCIA

Valencia's Student Core Competencies are complex abilities that are essential to lifelong success. This course will help you to 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;
- 4) ACT purposefully, reflectively, and responsibly.

Due to the nature of these global competencies, many of the problems will be presented in the context of an application. These applications will require students to select appropriate information from the problem and communicate effectively in order to explain and/or describe how the student used the skills they are learning to arrive at an appropriate solution for the problem.

## NSF GRANT ADDENDUM

I am continually exploring new possibilities that might enhance your learning experience in this course. Throughout the course, there will be four activities worth a small part of your grade. I am collaborating with other math professors at Valencia as well as researchers from the University of Virginia in this research project to improve student learning in our front door courses. These activities are designed to help us understand your attitudes in an effort to assist us on improving future classes for you and other students.

## **CLASSROOM BEHAVIOR**

Valencia College is dedicated to promoting honorable personal and social conduct. By enrolling at Valencia College, a student assumes the responsibility for knowing and abiding by the rules articulated in the Student Code of Conduct (6Hx28:10-03). <http://valenciacollege.edu/generalcounsel/policy/documents/8-03-NF-NN-Student-Code-of-Conduct.pdf>

The instructor reserves the right to refer students who engage in activities that are disruptive to the learning environment to the Dean of Students for disciplinary action. The following list, though not exhaustive, includes things that are disruptive to the learning environment:

Use of any electronic devices including but not restricted to: Cell phones, iPods, and laptop computers

(Documentation from OSD will be taken into consideration).

Preparing homework for other courses during class.

Engaging in private conversations with classmates while class is in session.

Leaving and re-entering the classroom while the class is in session.

In addition, Valencia College strives to provide a drug-free learning environment for all those involved in the academic experience. Our policy is as follows:

Policy:

In compliance with the provisions of the Federal Drug-Free Schools and Communities Act of 1989, Valencia College will take such steps as are necessary in order to adopt and implement a program to prevent the unlawful possession, use, or distribution of illicit drugs and alcohol by Valencia College students or employees on college premises or as part of any college activity.

## **ACADEMIC HONESTY**

All students are expected to be in complete compliance with Valencia College's policies on academic honesty. Any form of academic dishonesty will result in an **F** grade for this course.

<http://valenciacollege.edu/generalcounsel/policy/documents/8-11-NF-NN-Academic-Dishonesty.pdf>

## **COMPUTER/EQUIPMENT USE POLICY**

Use of computers in the Business, IT, and Public Service classrooms at Valencia College is restricted to those activities designated by the instructor to enhance the class materials. Any other use is strictly forbidden. Inappropriate use includes, but is not limited to:

- Use of computer to send E-mail or access Internet sites not specifically assigned in class.
- Use of computer for job, internship, homework or other activities not assigned in class.
- Modifying any hardware or software system configuration or setting.
- Activities not in accordance with the Valencia Student Code of Conduct.

Use of computers in the departmental open lab is limited to those activities involved with preparing homework or coursework in the department and is subject to the same restriction as listed above. Computer use is remotely monitored; any students using computer inappropriately may be subject to dismissal from class or banishment

from the lab. Subsequent offense may be sent to the campus administration for further disciplinary action

## **LEARNING ASSISTANCE RESOURCES**

**Free** tutoring services are provided on Valencia College's East campus at the Academic Success Center in Building 4-Room 101. The East Campus Academic Success Center strives to provide a *safe, inclusive learning environment* that motivates students to *maximize learning opportunities, grow toward independence, and discover the lifelong learner within*. <http://valenciacollege.edu/east/academicsuccess/>

## **MATH SUPPORT AT THE ACADEMIC SUCCESS CENTER**

The Math Center in Building 4-Room 102-B provides individual assistance to all Valencia students enrolled in any math course. Resources include walk-in tutoring, homework assistance, workshops, final exam reviews, PERT information, academic refreshers, and much more. The SPA (Specialized Prep Area) provides specific resources to students in developmental mathematics courses. The SPA has information and study sheets for most mathematical concepts. Normal hours for the Math Center are Monday – Thursday from 8am-10pm, Friday from 8am-5pm, and on Saturday from 8am-4pm. Please check hours around holidays and special events and during the summer terms. <http://valenciacollege.edu/east/academicsuccess/math/>

## **VALENCIA'S MATH HELP 24/7**

Valencia Math professors have created pen-casts and videos of common lessons to help you learn the concepts being presented in class. This resource is located at: [www.valenciacollege.edu/math/liveScribe.cfm](http://www.valenciacollege.edu/math/liveScribe.cfm) Click on your course to view your lessons. Some lessons have more than one professor's perspective; watch more than one!

## **SMART THINKING (Online Tutoring)**

Smarthinking is a FREE online tutoring tool available to all of Valencia's students, and math tutors are available 24/7. Students can access Smarthinking through the Courses tab in Atlas. Students have an eight-hour limit of usage per semester, and therefore Smarthinking is best used as a back up to on-campus services and support, not as a replacement. There are Smarthinking phone applications for both iOS and Android devices. <http://valenciacollege.edu/east/academicsuccess/onlineTutoring.cfm>

## **STUDENT WITH DISABILITIES**

Valencia Students who qualify for academic accommodations must provide the professor with a Notification to Instructor (NTI) from the Office for Students with Disabilities (OSD). Students are expected to discuss their specific needs with the professor, preferably during the first two weeks of class. OSD determines accommodations based on appropriate documentation of disabilities.

**Contact Information: Bldg.: 5-216; Ph: 407-582-2229; Fax: 407-582-8908;  
TTY: 407-582-1222. <http://valenciacollege.edu/osd/default.cfm>**

## VALENCIA I.D. CARDS

Valencia ID cards are required to access campus services such as the Library and Testing Center. The first student ID card is free and can be obtained from the Security office.

<http://catalog.valenciacollege.edu/student/services/studentidcard/>

## STUDENT FEEDBACK ON INSTRUCTION

Near the end of the term, students will receive an invitation through their Valencia ATLAS email account asking them to complete the Student Feedback on Instruction (SFI). This survey provides Valencia College professors with feedback on students' experiences in courses and helps them to continually improve their courses. The results are released only *after* grades are submitted and students' names are *not* included in the results - all responses will be anonymous.

## STUDENT ASSISTANCE PROGRAM

Valencia College has contracted with a private and confidential counseling service (**Bay Care Behavioral Health Student Assistance Program (SAP)**) to provide FREE short-term assistance to students who need to resolve problems that are affecting their college performance. Examples might include: stress, relationship/family issues, alcohol/drug problems, eating disorders, depression, and gender issues. Students who are experiencing any of these issues and who are enrolled in credit classes at Valencia should call the toll-free number 1-800-878-5470 to speak to a professional counselor. If needed, the counselor may refer the student to appropriate resources or to speak face-to-face with a licensed counselor. For more information, call or visit a Counselor in Student Services on any campus.

## FERPA (Family Educational Rights and Privacy Act)

FERPA is a Federal law that is administered by the Family Policy Compliance Office (Office) in the U.S. Department of Education (Department). 20 U.S.C. § 1232g; 34 CFR Part 99. FERPA affords students certain rights with respect to their educational records. Valencia College has a firm commitment to protecting the privacy rights of its students. For further information on FERPA see:

<http://valenciacollege.edu/ferpa/default.cfm#whatis>

## LAB ADDENDUM

This course includes a mandatory lab component that occurs once or twice each week in Building 7, Room 112 (students should refer to their class schedules for details). Each lab session will be conducted by an instructional assistant and will include an activity chosen by the course instructor.

Lab activities are designed to supplement and reinforce students' understanding of the course concepts and provide students opportunities to develop their skills. In addition to being mandatory, attendance and participation in lab activities correspond to improved performance in the course, so it is in students' best interests to treat the labs just as seriously as they regard the lectures.

While in lab, students are expected to:

- Abide by Valencia's student code of conduct  
<http://valenciacollege.edu/generalcounsel/policy/documents/8-03-NF-NN-Student-Code-of-Conduct.pdf>
- Adhere to the academic integrity policy  
<http://valenciacollege.edu/generalcounsel/policy/documents/8-11-NF-NN-Academic-Dishonesty.pdf>
- Bring all their textbooks, lab manuals, writing utensils, paper, and any other materials necessary to the course, including their student identification cards to allow for attendance verification and equipment check out.
- Participate in the lab activity for the entire duration of the lab.
- Refrain from eating, drinking, or chewing gum.
- Use cell phones only within the learning environment and only permitted by the course or lab instructor.
- Maintain an appropriate volume of voice and respect within the learning environment, as several lab sessions may occur simultaneously in the lab area
- Treat classmates, instructional assistants, faculty members, supplemental-learning leaders, and anyone else in the lab area in a professional, respectful, and civil manner.
- Follow all instructions from the instructional assistants or lab aides.

Students can expect the lab staff (instructional assistants and senior instructional assistants) to provide:

- Clear instructions for all lab activities.
- Respectful and professional assistance with all lab activities.
- Assistance with specialized equipment or materials necessary for lab activities.
- A safe environment in which to learn.

## **IMPORTANT DATES**

August 28: Day and Evening Classes Begin

September 4: Labor Day (College Closed)

September 5: Drop/Refund Deadline (11:59 PM)

November 10: Withdrawal Deadline for a **W** Grade (11:59 PM)

November 22 - 26: Thanksgiving (College Closed)

December 11: Day and Evening Classes End

December 14: Final Exam **1:00 PM**

## **DISCLAIMER**

Changes in the syllabus, course calendar, evaluation procedure and any information outlined in the syllabus/course calendar are subject to change at the discretion of your professor. It is the responsibility of the student to find out what, if any, announcements or changes have been made.