

# Lake-Sumter State College Course Syllabus

## Course Information:

Course Prefix and Number: **MAC 1105**

Course Title: **College Algebra**

CRN: **1<sup>st</sup>-10172, 2<sup>nd</sup>-10173, 6<sup>th</sup>-10340**

Credit Hours: **3**

Semester: **Fall 2019**

Class Days, Location, Time: **M-T-W-R-F, VHS room 220, 1<sup>st</sup>: 7:40-8:30, 2<sup>nd</sup>: 8:40-9:30, 6<sup>th</sup>: 12:50-1:40**

**Course Description:** This is a rigorous introduction to the math concepts necessary for successful study of MAC 2233 or MAC 1140. This course is primarily a conceptual study of functions and graphs, their applications, and of systems of equations and inequalities. Linear, quadratic, rational, absolute value, radical, exponential and logarithmic functions will be investigated.

## Instructor Information:

Name: **Mary Ann Robertson**

E-Mail: [robertsm@lssc.edu](mailto:robertsm@lssc.edu) and [mary.robertson@tvcs.org](mailto:mary.robertson@tvcs.org)

Office Location: **VHS room 220**

Phone: **352-259-3777 ext.: 1220**

Office Hours: **M-W-F 2:45 – 4:00**

## Vital Communication Information:

For e-mail, please note that all students are required to use Lakehawk Mail for official college e-mail communications. See the college webpage for [instructions on activating Lakehawk Mail](#).

Sending a private message using the MESSAGES tool in Canvas is always the most secure method of contacting your Instructor.

Please remember that any phone contact with your Instructor should be of a professional nature. Please always leave a clear, concise, but detailed message with your contact and class information. Always follow up a phone call with a written account via Canvas Message or e-mail.

## Prerequisites/Co-requisites:

Prerequisites: C or higher in MAT 1033 or appropriate placement score

Co-requisites: None

## Textbook & Other Course Materials:

MyMathLab (MML) Access Code which contains the etext – College Algebra 3<sup>rd</sup> Edition by Kirk Trigsted

**Important Note regarding MyMathLab (MML) access code – VHS will provide the MML access code for you for the Trigsted College Algebra 3<sup>rd</sup> Edition eCourse series. A generic MML code will not work for this course.**

## Technology Requirements:

Canvas is a required component of this course. Students unfamiliar with Canvas are expected to complete the Student Orientation course located in Canvas within the first week of classes.

This course uses MyMathLab for the homework, quizzes, tests, textbook, and other support material. VHS will provide an access code for you to use. You will sign in to MyMathLab through Canvas for the first time. You will not need a course ID. If VHS has not received the access codes by the first day of class, you can register for MyMathLab on the first day of class as there is a 14-day free trial period. This way you will be able to start assignments immediately. The work you have completed will be carried over when you receive your permanent access codes for MML from VHS.

A scientific calculator is required for this course. The TI-30 XS Multiview Calculator is recommended but any scientific calculator that is not a graphing calculator or phone calculator will suffice. If you are not sure if your calculator meets the criteria, then present your calculator to Mrs. Robertson and she will verify if your calculator is sufficient for this course. **Graphing calculators and phone calculators are not permitted in this course at any time.**

See the [LSSC Student Technology Help Desk webpage](#) for more information about accessing Microsoft Office 365.

## Course Student Learning Outcomes:

The following outcomes will be assessed in this course. An “outcome” is defined as something students take with them beyond this course. After successful completion of this course, the student will:

SLO1: Demonstrate the ability to solve a variety of equations, systems of linear equations, linear inequalities, and absolute value inequalities including problems involving real-world applications.

SLO2: Demonstrate knowledge of properties of functions, including domain and range. Students will also demonstrate the knowledge of operations on functions, including inverse functions, and composition of functions.

SLO3: Demonstrate the ability to graph basic functions and transformations of functions including linear, quadratic, rational, radical, exponential, and logarithmic functions.

## Course Objectives:

Objectives are defined as what the course will do and/or what the students will do as part of the course.

To understand the concept of functions and to algebraically and graphically manipulate linear, quadratic, exponential, and logarithmic functions.

## Institutional Policies & Procedures:

### Academic Integrity:

The successful functioning of the academic community demands honesty, which is the basis of respect for both ideas and persons. In the academic community, there is an ongoing assumption of academic integrity at all levels. There is the expectation that work will be independently thoughtful and responsible as to its sources of information and inspiration. Honesty is an appropriate consideration in other ways as well, including but not limited to the responsible use of library resources, responsible conduct in examinations, and the responsible use of the Internet. See [college catalog](#) for complete statement.

## Important Information for Students with Disabilities:

Any student with a documented disability who requires assistance or academic accommodations should contact the Office for Students with Disabilities immediately to discuss eligibility. The Office for Students with Disabilities (OSD) is located on the Leesburg Campus, but arrangements can be made to meet with a student on any campus. An appointment can be made by calling 352-365-3589 and specific information about the OSD and potential services can be found at [Disability Services](#).

## Privacy Policy (FERPA):

The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of a student's education records. In order for your information to be released, a form must be signed and in your records located in the Admissions/Registrar's Office.

## Zero-Tolerance for Violence Statement:

Lake-Sumter State College has a policy of zero tolerance for violence as stated in College Board Rule 2.17. Appropriate disciplinary action will be taken in accordance with Board Rule 2.17.

## Attendance/Withdrawal Policies:

### Initial Attendance:

**Initial attendance** will be entered at the end of the second week of the semester/mini-mester. A student who has not met initial attendance requirements will be marked as "not-attending" and administratively withdrawn from the class. The withdrawn student is still financially responsible for the class (see the college catalog) for more details

### Withdrawal:

Once the Add/Drop period passes, students deciding to discontinue class attendance and/or online participation have the responsibility for formal withdrawal by the withdrawal deadline.

### Withdrawal Deadline:

Monday, October 28, 2019. It is the student's responsibility to see Mrs. Costa **prior** to this deadline if you need to withdraw from this course.

## Instructor Policies:

All graded/evaluated items must be completed by the due dates posted on the Course Calendar Document associated with this course. The instructor has the right to adjust the Course Calendar if necessary. If the Course Calendar is adjusted, it will be announced in class in advance. All late work will receive a zero (0). Work schedules and "I forgot" are not valid excuses for late work. Do not wait until the last minute to complete assignments. It is the student's responsibility to have an alternate plan if their main computer system fails (i.e. – complete work on-site at a campus library or learning center, have a secondary computer available, etc.). Computer hardware, software and/or Internet problems are not acceptable excuses for incomplete assignments.

## Late Work/Extensions:

Completing homework assignments in a timely manner is an important part of the learning process. Students are expected to complete and submit all assignments by the due date and time listed on the course calendar. Instructors are not required to accept nor grade any assignment submitted late. Extensions are not possible.

There is no make up for quizzes, exams, or tests, except under documented circumstances such as hospital stay, doctor excuse, police report, or military assignment. Students are expected to contact their instructor prior to class if they must be absent for any reason. Each situation will be determined on a case-by-case basis by your instructor. Instructors are not required to accept nor grade any quiz, test, or exam submitted late. Extensions are not possible. Quiz, exam, or test make up will be administered on campus by the instructor or a proctor and are not eligible for “at home” completion.

## Classroom Etiquette:

All answers must be in “simplified form”. For example, all fractions must be reduced. Other specifications will be made in class.

If you are caught **cheating**, you will either **fail the assignment/test or the course** at the **discretion** of the **instructor**. **No warning will be given.**

## Grading Information:

Grading Scale:

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

## Methods of Evaluation:

The content in this class is arranged into five modules. Each module contains interactive assignments, pretests, homework, 2 quizzes, 1 graphing project (other than Module 1) and 1 test. Your final grade in the course is calculated using the following breakdown.

## Assignment Overview & Grade Breakdown:

Category	Description	Points or %
Attendance	Each week you will be required to attend class, work in the Emporium with your instructor during regularly scheduled class meetings, and work in the Emporium on your own (flex time). You must spend a total of 3 hours per week in the Emporium.	5%
Interactive Assignments & Homework	For each lesson, you will complete interactive assignments and homework that will be assigned through MyMathLab. You will have unlimited attempts at the interactive assignments and homework, but the interactive assignments and homework must be completed by the specified due dates in MyMathLab.	5%
Pretests	For each lesson, you will take a pretest. To take a pretest, you must have scored at least 70% on the interactive assignment for that lesson. The pretest will allow you to skip all, part, or none of the homework for that lesson. You will have 1 attempt for each pretest.	0%

Category	Description	Points or %
	Your scores on the pretests will not count as part of your grade in the course, but each pretest must be attempted in order to access the homework for that lesson.	
Quizzes	You will have 2 quizzes in MyMathLab for each module. You will be given 2 attempts for each quiz. The highest score will count towards your quiz average. To take a quiz, you must have scored at least 70% on the homework assignments associated with the quiz. The due dates for the quizzes are detailed in MyMathLab. Your success on quizzes is used to update your study plan. The study plan gives you additional practice on the concepts for which you need extra help based on your quiz results. The study plan is not part of your course grade but it (along with the practice tests) may be important in helping you prepare for the module test.	7%
Graphing Projects	You will complete a total of 4 graphing projects with one graphing project each in Modules 2, 3, 4, and 5. These graphing projects will require you to graph functions by hand without technology. You will be tested on the material on the Modules 2, 3, 4, and 5 Tests.	3%
Tests	You will take a test to assess your understanding of each module. The tests will be given in the Emporium during the weekly Emporium class time. See attached calendar for test dates. Make-up tests are given in extreme circumstances only at the discretion of the instructor. You must have the instructor's permission to take a make-up test before the test is given to your class. Call or email your instructor prior to the test date and get a response before you plan to take a make-up test. Your instructor may ask you to supply supporting documentation (such as a doctor's note).	60%
Final Exam	You will have a cumulative final exam at the end of the course during the designated final exam time for the course. The date and time are listed on the schedule. If you miss no more than two classes (including Emporium class meetings) and if you have a homework average greater than 90%, then you may replace your lowest test grade (not a missed test) with the grade you receive on the final if the final exam grade is higher.	20%
	Total Points	100%

**MAC 1105 Tentative Course Calendar:** May be adjusted at the discretion of the instructor.

<b>Week</b>	<b>Week of</b>	<b>Lecture Content</b>	<b>Items Due</b>
1	August 19	Syllabus, 1.1, 1.2, 1.3	<b>Signed Contract</b>
2	August 26	1.4, 1.5, 1.6	
3	September 2	1.7, 1.8	
4	September 9	Review – Test #1	<b>Module 1 HW, Quiz 1 &amp; Quiz 2 Test #1</b>
5	September 16	2.1, 2.2, 2.3, 2.4	
6	September 23	7.1, 7.2, Review, Test #2	<b>Module 2 HW, Quiz 1 &amp; Quiz 2 Test #2 - Graphing Project 1</b>
7	September 30	3.1, 3.2	
8	October 7	3.3, 3.4	
9	October 14	3.5, 3.6, Review, Test #3	<b>Module 3 HW, Quiz 1 &amp; Quiz 2 Test #3 – Graphing Project 2</b>
10	October 21	4.1, 4.2	
<b>11</b>	<b>October 28</b>	<b>Withdrawal Deadline</b>	<b>See Mrs. Costa before this day.</b>
11	October 28	4.6	
12	November 4	4.7, Review, Test #4	<b>Module 4 HW, Quiz 1 &amp; Quiz 2 Test #4 - Graphing Project 3</b>
13	November 11	5.1, 5.2, 5.3	
14	November 19	5.4, Review, Test #5	<b>Module 5 HW, Quiz 1 &amp; Quiz 2 Test #5 - Graphing Project 4</b>
	November 25	<b>Thanksgiving Holiday</b>	<b>Final Exam Review</b>
15	December 2	<b>Final Exam Review</b>	
15	December 3 - 5	<b>Final Exam</b>	

**Syllabus Disclaimer:**

Information contained in this syllabus is, to the best knowledge of this instructor, considered correct and complete when distributed to the student. The instructor reserves the right, acting within policies and procedures of Lake-Sumter State College, to make necessary changes in course content or instructional techniques without prior notice or obligation to the student.