

Lake-Sumter State College Course Syllabus

Course Information:

Course Prefix and Number: **MAT1033**

Course Title: **Intermediate Algebra**

CRN: **10103**

Credit Hours: 3

Semester: **Fall 2021**

Class Days, Location, Time: **Tuesday and Thursday, SM142 and Math Emporium, 11-12:20 pm**

Course Description: This course includes the study of real numbers, linear and quadratic equations, linear inequalities, systems of linear equations, exponents, polynomials, factoring, rational expressions and related equations, radicals, quadratic formula, completing the square, complex numbers, absolute value, graphing, and applications.

Instructor Information:

Name: **Alissa Sustarsic**

E-Mail: **Sustarsa@lssc.edu**

Office Location: **Science Math Building 133, Leesburg**

Phone: **352-435-6407**

Office Hours: **Office Hours will be held virtually, unless noted.**

I may be on my campus for some MW, Please message me through Canvas to see if I will be on campus for the rest of the hours.

Virtual: Sunday 8 pm-9 pm, Monday 11 am to 2 pm, Wednesday 11 am - 1 pm

On Campus- in SM133/ Emporium: Tuesday/Thursday 10:30 am to 11 am, 12:30 pm -2 pm

Your instructor, Mrs. Sustarsic, will be available to meet with you virtually during predetermined times throughout the semester and will also be available for appointment. This course allows you the freedom to access the course at times convenient to you and your schedule outside of class time (which is required). However, you are expected to do all your work based on the schedule in the class syllabus with specific due dates. Successful MAT1033 online students are self-motivated and possess the self-discipline needed to manage their time effectively.

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 INBOX in Canvas is always the most secure method of contacting your instructor.

Please remember that any contact with your Instructor should be of a professional nature. If you leave a voice mail message be clear, concise, and include your contact and class information. Follow up verbal conversations with a written account via INBOX in Canvas or e-mail.

Prerequisites/Co-requisites:

Prerequisites: Successful completion of MAT 0028 or appropriate placement score for non-exempt students.

Co-requisites: None

Textbook and Technology Requirements:

Your course will be delivered through Canvas and MyMathLab. You will register in MyMathLab when you complete the Getting Started activities in Canvas. Tests will be proctored through Canvas using MyMathLab and Zoom or Honorlock.

- 1) **Canvas** is a required component of this course. Students unfamiliar with Canvas are expected to view all of the Orientation videos located in our Canvas course within the first week of classes.
- 2) Students are required to use either a **laptop or desktop computer** with reliable Internet service in order to complete some of the coursework from home. Tablets are not recommended for this course. A Chromebook will not work for quizzes for this course- MyMathLab Lockdown Browser. If you need assistance obtaining the required technology for this course, please contact your [Emergency Dean](#) at LSSC as soon as possible. If the required technology cannot be secured within the first 5 days of the course, students are encouraged to consider other course-delivery alternatives.
- 3) **Required: MyMathLab Access Code**
This course uses **MyMathLab** for the homework, quizzes, tests, textbook, and other support material. You will need to purchase an access code from Pearson, either online at mymathlab.com or from the school bookstore. **You will sign in to MyMathLab through Canvas for the first time.** You will not need a course ID. 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 using this temporary code will be carried over when you finalize payment for MyMathLab. If you already have a MyMathLab account from a previous course, you may use the same login information but need to purchase a new access code. You may access MyMathLab from any computer with an internet connection. A high-speed connection is best. After registering, you will be able to access MyMathlab through CANVAS, or [MyMathLab](#). Note that to access a Quiz in MyMathLab, you will first need to complete all associated homework assignments with a 70% or higher score. Questions on the homework assignments can be reworked until they are correct. Therefore, a 100% homework score is always attainable as long as you are willing to persevere in working through the problems and they are completed by the Monday before the test.
- 4) **Required: Video Organizer**
Beginning & Intermediate Algebra Video Organizer, Elayn Martin-Gay, Pearson Education, Inc., 2017, 6th edition. (This is a loose-leaf book which can be purchased at the LSSC bookstore and is bundled with the MyMathLab access code that is also required for the course) This is also found in MyMathLab under the tab "video organizer" if you prefer to print it.
- 5) **Optional: Textbook**
Beginning & Intermediate Algebra, Elayn Martin-Gay, Pearson Education, Inc., 2017, 6th edition. A print version of the textbook is not required. You will have access to the full textbook via an e-text. You may purchase a copy of the textbook online through the publisher's website, or MyMathLab.com.
- 6) A **4-function calculator** will be used in this course. You may use your own 4-function calculator on the homework. You will be required to use an on-screen calculator during quizzes and tests in MyMathLab. There is a video of how to access the on-screen calculator in Canvas in the Online Testing Tab. You will NOT be able to use your own calculator on tests. Graphing calculators and phone calculators are not permitted in this course.
- 7) Honorlock may be used for online proctoring if it is deemed necessary by the instructor. Please see the requirements for Honorlock testing within your Canvas Shell.
- 8) **Lakehawk Email Account.** You will need your Lakehawk email address to register for MyMathLab and to receive official correspondence from the school. Each LSSC enrolled student has a Lakehawk email account. If you have not activated your Lakehawk email, go to the LSSC main website to get detailed instructions for doing so.
- 9) **Headphones/Ear buds.** In addition to completing your homework and quizzes, you will also watch instructional videos in MyMathLab. You may use headphones or ear buds to hear the audio on these videos.

- 10) See the [LSSC student Technology Help Desk website](#) for more information on how to obtain **Microsoft Office 365** as an LSSC student.

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:***

- 1) Demonstrate the ability to solve linear equations and linear inequalities including problems involving real-world applications.
- 2) Demonstrate knowledge of properties of functions and linear equations in two variables. Students will also demonstrate the ability to write equations of lines, graph lines and linear inequalities, and algebraically solve linear systems.
- 3) Demonstrate knowledge of operations and properties when working with mathematical expressions including simplifying exponential expressions and factoring polynomials.
- 4) Demonstrate the ability to simplify rational expressions and solve quadratic equations (by factoring), rational equations, and absolute value equations, including problems involving real-world applications.
- 5) Demonstrate the ability to solve quadratic equations and use rules to simplify expressions involving exponents and radicals, including complex numbers.

Course Objectives:

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

This non-Gordon Rule course is designed to provide students with tools to:

- 1) build a foundation for success in future Gordon Rule mathematics courses;
- 2) acquire a sound understanding of the underlying principles of algebra;
- 3) accurately and efficiently carry out the techniques of algebraic manipulation and problem solving.

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 the [college catalog](#) complete statement.

Important Information for Students with Disabilities:

Any student with a documented disability who requires assistance or academic accommodations should contact the Student Accessibility Services immediately to discuss eligibility. The Student Accessibility Services (SAS) 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 SAS and potential services can be found at [Student Accessibility 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.

LSSC Safety Statement:

Lake-Sumter State College values the safety of all campus community members. **If you have an emergency, call 911.** Otherwise, to report a concern, suspicious activity, or to request a courtesy escort, call Campus Safety:

(352) 516-3795 Leesburg
(352) 536-2143 South Lake
(352) 303-7296 Sumter

LSSC also has a free safety app, **Lake-Sumter Safe** that is available for download. You will receive important emergency alerts and safety messages regarding campus safety via LSSC Alert. You are opted into this system when you become an LSSC student. For more information regarding safety and to view available resources, visit [Campus Safety](#) web page.

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, November 1, 2021

Instructor Policies:

- You will meet in the classroom with your instructor at the scheduled class time each week.
- Your classroom attendance will count toward your final grade in this course.
- Attendance will be taken during class meeting times each week.
- You are required to spend a total of 3 hours per week in the Math Emporium, 1 hour and 20 minutes during class time and 1 hour and 40 minutes of flex time.
- You are also encouraged to spend extra time in the math emporium to take advantage of the instructional assistants and peer tutors that are there to assist you.
- You are responsible for being in the Classroom and emporium the whole class time and contacting your instructor immediately if there is a potential issue.
- All graded/evaluated items must be completed by the due dates posted on the Course Calendar.
- 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). 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. The test dates are fixed. Missing a test will result in a 0% on the test. Exceptions for a make-up test will be granted only with prior instructor approval and may require a doctor’s note indicating an emergency.

- My communication with you will be announcements during class and by announcements/messages in Canvas. **Students need to check their email and Canvas announcements every day.**

Classroom Etiquette:

- **Only 4-function calculators are to be used in this course.**
- In this Emporium-style class, you will receive personalized, computer-based instruction combined with immediate assistance from instructors and tutors as needed. To ensure that this is a positive experience for all, please adhere to the classroom and emporium rules that will be strictly enforced. A detailed list of rules and policies will be provided to you. Some general policies are as follows:
- Cell phones are not to be seen or heard. Attendance points will be deducted at the discretion of the instructor if this policy is not followed. If a cell phone is out during a test, it is considered cheating.
- If you are disruptive, you will be asked to leave. Appropriate behavior is expected at all times and will be modeled by the instructor and all other college employees.
- If you arrive late to a test, you have only the remaining class time to take the test. All tests will be submitted by the end of your designated class time.
- If you are caught cheating, you will either fail the assignment/test/quiz or fail the course, at the discretion of the instructor. No warning will be given.
- If you do not follow these rules, you will be asked to leave and more consequences can be decided by your instructor. If the rules are continually broken and you have been warned, the instructor can choose to give you an unsatisfactory for the course.

Grading Information:

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

All grades for assignments can be seen in MyMathLab along with the breakdown of the grade per category.

Canvas will only show the overall grade.

Methods of Evaluation:

The content in this class is arranged in five modules and a cumulative final exam. For each module you will be graded on attendance/module handouts, homework, quizzes, and a test.

Assignment Overview & Grade Breakdown:

Category	Description	%
Tests	<ul style="list-style-type: none"> • ALL module tests will be proctored in the Math Emporium during your assigned time with your instructor. • See calendar in CANVAS for test dates. • You will use an on screen basic 4-function calculator for each test within MyMathLab Lockdown Browser (you may not use a personal calculator). • Plan ahead and if you know you need to miss an exam ahead of time, contact me at least a week in advance, and we can set up an appointment to take the test EARLY. • Make-ups may be allowed at the sole discretion of the instructor—depending on whether, in the instructor’s judgment, you missed the testing period for a valid reason, and provided you contacted the instructor BEFORE the test is given to your class. Call or email your instructor prior to the test date and GET A RESPONSE before you make plans to take a make-up test. Your instructor may ask you to supply supporting documentation (such as a doctor’s note) to justify the accommodation. 	60%

Category	Description	%
	<ul style="list-style-type: none"> If both your homework and participation average in MyMathLab is higher than 90%, you may replace your lowest test grade (not a missed test) with the grade you receive on your final if the final exam grade is higher. 	
Quizzes	<ul style="list-style-type: none"> You will have at least 2 MyMathLab quizzes for each module. Before you are allowed to attempt a quiz, you must have completed 70% of each associated homework assignment for that quiz. You will be given 2 attempts for each quiz and given one hour to complete each attempt. Your best attempt will count towards your quiz average. The due dates for the quizzes are detailed in MyMathLab and are different than the homework due date. Do Not confuse the two due dates. You will use an on screen basic 4-function calculator for each test within MyMathLab Lockdown Browser (you may not use a personal calculator). Your 2 lowest quizzes will be dropped at the end of the semester. You will not do well on a quiz unless you have done the appropriate online homework and watch the related videos for the material on the quiz. The instructor will only reopen quizzes if they the instructor receives a Canvas message before Sunday at 9 pm. If you are kicked out of a quiz, you can take the second attempt while waiting for me to respond to your message. You are not guaranteed 2 attempts if something occurs with technology, but the instructor will do their best to allow it. Message the instructor, but don't wait to take 2nd attempt. There are NO makeup quizzes because you are given t dropped quizzes. 	10%
Homework	<ul style="list-style-type: none"> All graded homework will be assigned through MyMathLab. You have unlimited attempts at homework problems but the homework must be completed by the specified due dates that are detailed in MyMathLab. 70% of homework has to be completed to access a weekly quiz, but you are expected to complete all of it (this counts towards your grade). You want to complete all homework as it is part of your grade and prepares you for quizzes and tests. Homework can be done anywhere you have a computer and a stable Internet connection. 	5%
Participation Attendance/ Module Handouts/ Video Organizer	<ul style="list-style-type: none"> Your participation grade is based on your attendance in each weekly scheduled class meeting and submission of your video organizer for each module. Attendance is recorded at every class meeting. To receive your full attendance grade each week, you need to attend both the lecture and scheduled emporium time with your class, along with the flex time in the emporium. Your total Emporium time for the week should be at least 3 hours. To be counted as present in class you must be on time and work until the class is dismissed and completing the module handouts/working on MAT1033 work. Your module handouts will be checked after each module test and you will receive a grade for completion of the module handouts. Your video organizer will be submitted before you start the test in the Math Emporium. It will be checked after each module test and you will receive a grade for completion of the video organizer. 	5%
Final Exam	<ul style="list-style-type: none"> You will have a cumulative final exam at the end of the course during the designated final exam time for this course. The date and time are listed on the course schedule in CANVAS and at Final Exam Schedule. If both your homework and participation average in MyMathLab is higher than 90%, the final exam score will replace your lowest test grade (not a missed test,) if the final exam grade is higher. 	20%

Category	Description	%
Practice Tests/ Study Plans	<ul style="list-style-type: none"> • There is a practice test in MyMathLab for each module. These tests are designed to help prepare you for the module tests. They are longer than a regular test and therefore do not have a time limit, and you have unlimited attempts. • Practice using the lockdown browser with the on-screen calculator to help prepare for the test. • You can earn extra credit on each test in MyMathLab by doing the practice test in MyMathLab (A= +3 points, B= +2 points, C = +1 point). You will NOT receive extra credit for a practice test that you spend less than 30 minutes on. You can take this as many times as you want as long as it is completed before the test. • The study plan in each module gives you additional practice on the concepts for which you need extra help based on your quiz results. • These are both optional but are highly suggested to prepare you for the tests. 	0%
	Total Points	100%

Course Calendar:

See Canvas for weekly schedule and weekly goals. The tentative schedule is posted on the next page.

Basic Needs Statement:

Any student who faces challenges securing basic needs such as food or housing and believes this may affect their performance in the course is encouraged to contact a campus dean at deanofstudents@lssc.edu. The deans will then be able to share any resources at their disposal.

Syllabus Disclaimer:

Information contained in this syllabus is, to the best knowledge of this instructor, considered correct and complete when distributed to students. 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 with notification to students.

TENTATIVE FALL 2021 Class Schedule – MAT1033 TUESDAY/ THURSDAY

Each week's listed quizzes are due Sunday at 11:59pm in MML. In order to access the quiz for the week, at least 70% of the corresponding HW must be done.

Module Handouts are due each week Sunday at 11:59 pm in Canvas. The Video Organizer is due at the beginning of class on Test days.

All Listed sections' homework (HW) is due by 11:59 pm on the Monday of each Test Week.

Week	Date	Lecture Content	Material Due
1	8/24 8/26	Tuesday: Introduction, Diagnostic Pretest Thursday: Emporium (D1 & D2)	<ul style="list-style-type: none"> Signed Syllabus Agreement Syllabus Quiz & Diagnostic HW1/HW2 in MML
2	8/31 9/2	Tuesday: Lecture (2.3-2.5) Thursday: Emporium	<ul style="list-style-type: none"> M1 Quiz #1 (2.3-2.5) due Sunday MML Weekly Lecture Notes due in Canvas Sunday
3	9/7 9/9	<i>Campus Closed Monday 9/6</i> Tuesday: Lecture (2.7, 2.8) Thursday: Emporium	<ul style="list-style-type: none"> M1 Quiz #2 (2.7, 2.8) due Sunday MML Weekly Lecture Notes due in Canvas Sunday All HW for Module 1 in MML due by Monday, 11:59pm
4	9/14 9/16	Tuesday: Test #1 (2.3-2.5, 2.7, 2.8) Thursday: Lecture (3.1-3.3)	<ul style="list-style-type: none"> Test 1 (2.3-2.5, 2.7, 2.8), VO due M2 Quiz #1 (3.1-3.3) due Sunday MML Weekly Lecture Notes due in Canvas Sunday
5	9/21 9/23	Tuesday: Lecture (3.4-3.6) Thursday: Emporium	<ul style="list-style-type: none"> M2 Quiz #2 (3.4-3.6) due Sunday MML Weekly Lecture Notes due in Canvas Sunday
6	9/28 9/30	Tuesday: Lecture (9.4, 4.1-4.3) Thursday: Emporium	<ul style="list-style-type: none"> M2 Quiz #3 (9.4, 4.1-4.3) due Sunday MML Weekly Lecture Notes due in Canvas Sunday All HW for Module 2 in MML due by next Mon, 11:59pm
7	10/5 10/7	Tuesday: Test #2 (3.1-3.6, 9.4, 4.1-4.3) Thursday: Lecture (5.1-5.4)	<ul style="list-style-type: none"> Test 2 (3.1-3.6, 9.4, 4.1-4.3), VO due M3 Quiz #1 (5.1-5.4) due Sunday MML Weekly Lecture Notes due in Canvas Sunday
8	10/12 10/14	Tuesday: Lecture (5.5, 5.6, 6.1-6.3) Thursday: Emporium	<ul style="list-style-type: none"> M3 Quiz #2 (5.5, 5.6, 6.1-6.3) due Sunday MML Weekly Lecture Notes due in Canvas Sunday
9	10/19 10/21	Tuesday: Lecture (6.3-6.5, Int. Review) Thursday: Emporium	<ul style="list-style-type: none"> M3 Quiz #3 (6.3-6.5, I.R.) Due Sunday MML Weekly Lecture Notes due in Canvas Sunday All HW for Module 3 in MML due by next Mon, 11:59pm
10	10/26 10/28	Tuesday: Test #3 (5.1-5.6, 6.1-6.5, Int. Rev.) Thursday: Lecture (6.6, 7.1-7.3)	<ul style="list-style-type: none"> Test 3 (5.1-5.6, 6.1-6.5, Int. Rev.), VO due M4 Quiz #1 (6.6, 7.1-7.3) due Sunday MML Weekly Lecture Notes due in Canvas Sunday
11	11/1 11/2 11/4	WITHDRAWAL DEADLINE Tuesday: Lecture (7.4-7.6) Thursday: Emporium	<ul style="list-style-type: none"> M4 Quiz #2 (7.4-7.6) due Sunday MML Weekly Lecture Notes due in Canvas Sunday
12	11/9 11/11	Tuesday: Lecture (7.7, 9.2, 10.1, 10.2) Thursday: VETERAN'S Day HOLIDAY (school closed)	<ul style="list-style-type: none"> M4 Quiz #3 (7.7, 9.2, 10.1, 10.2) due Sunday Weekly Lecture Notes due in Canvas Sunday All HW for Module 4 in MML due by next Mon, 11:59pm
13	11/16 11/18	Tuesday: Test #4 (6.6, 7.1-7.7, 9.2) Thursday: Lecture (10.3-10.5, 10.7)	<ul style="list-style-type: none"> Test #4 (6.6, 7.1-7.7, 9.2), VO due M5 Quizzes #1 & #2 (10.3-10.5, 10.7) due Sun Weekly Lecture Notes due in Canvas Sunday
14	11/23 11/25	Tuesday: Lecture (11.1, 11.2) THANKSGIVING HOLIDAY <i>Emporium Closed Wed- Sun</i>	<ul style="list-style-type: none"> M5 Quiz #3 (11.1, 11.2) due Sunday MML Weekly Lecture Notes due in Canvas Sunday All HW for Module 5 in MML due by next Mon, 11:59pm
15	11/30 12/2	Tuesday: Test #5 (10.1-10.5, 10.7, 11.1, 11.2) Thursday: Lecture (FINAL EXAM REVIEW)	<ul style="list-style-type: none"> Test #5 (10.1-10.5, 10.7, 11.1, 11.2), VO due
16		Final Exam: Dec 8 th , Tues., 10-11:55 am	<ul style="list-style-type: none"> Final Exam