The University of Southern Mississippi Fall 2022 Classroom Location: EHH 120 Meeting Time:

MAT 101S H003 Survival Guide

Catalog Description: 1 hr. Prerequisite(s): Required for MAT 101 students with Math ACT < 20 and no grade of C or better in MAT 99. Arithmetic operations, operations on polynomials, solving linear and quadratic equations and graphing linear and quadratic functions with additional support for MAT 101.

Mission of Course

This active learning course supplements MAT 101. MAT 101 is a part of the General Education Curriculum of the university. As such, the course provides students the opportunity to develop foundational skills in mathematical reasoning (GEC Outcome 6). This course provides support for MAT 101, College Algebra, by supplementing 101 content as well as covering prerequisite content that bridges the gap for students.

The purpose of this class is twofold: 1. To teach the student pre-requisite algebra skills needed to be successful in the MAT 101 College Algebra course. 2. To pre-teach content for the regular algebra course so that when the student sees it in the regular course, they will already have some knowledge of how to work the problems. From there, students will learn in 101 how to expand that knowledge to more difficult concepts and applications. Success in this course is directly determined by the time and effort put into the material. **MAT 101S is a separate course with a separate grade from MAT 101, BUT these courses are connected, in that, students cannot withdraw from 101S without also withdrawing from 101.** Therefore, it is vitally important that students complete the MAT 101S course. Students should be aware that, while coursework is similar in MAT 101 and MAT 101S, grades, participation, and homework in each of these classes are different and independent.

The idea of the course is that students do productive "struggling" in this class so that when students see the material for their regular College Algebra class that is required for their degree, they understand better how to work the problems. This class is an **active learning class**. Students will help each other in assigned groups to learn the course content. Teamwork is essential. There are **learning assistants** in the class to help guide students along the way. They are not there to give answers but can help students think about the process of solving problems. We want all of us, as a team, to be successful. That means, I not only want you to pass THIS class but also pass your REGULAR College Algebra course as well. That is the ultimate goal - success!



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Learning Objectives/ Outcomes

Students will learn the pre-requisite skills needed to demonstrate the ability to work with real world situations involving fundamental math concepts.

Learning Outcomes:

- Students will master arithmetic operations and basic operations on polynomials.
- Students will solve linear and quadratic equations.
- Students will learn to graph linear and quadratic functions.
- Students will simplify exponential, radical, and rational expressions.
- Students will factor polynomials.
- Students will apply the other learning outcomes to extend knowledge to MAT 101 content by modeling, solving equations, constructing graphs, and interpreting real world data.

"Without effort, your talent is nothing more than your unmet potential. Without effort, your skill is nothing more than what you could have done but didn't. With effort, talent becomes skill and, at the very same time, effort makes skill productive." -Angela Duckworth, Grit

	Category	% of Grade			
	APP Grade	50%			
	Assignments *one drop	50%			
	Learning is a process				
I don't know what I don't know					
I know what I don't know					
I know what I know					

Grading

Your ability to learn and succeed in this course is directly related to the effort you put in! Here is how your effort will correspond to your grade for this course. As your instructor, I do not give grades, but students earn grades by completing assignments, participating in class activities, and abiding by classroom policies.

Learning Scale		Effort to work towards mastery		
89-100	A	I have participated in class consistently, turned in my assign- ments on time, followed all instructions, and showed mastery of all concepts.		
79-88	В	I have participated in class consistently, turned in my assign- ments on time, followed all instructions, and showed mastery in majority of concepts.		
69-78	C	I sometimes have participated in class and turned in some assign- ments, and showed mastery in some of the concepts.		
59-68	D	I rarely participated in class and did not turn in many assign- ments. I have shown mastery in few concepts.		
0-59	F	I rarely came to class and participated and I turned in few assignments. I did not show mastery of any concepts.		

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Attendance, Participation, and Professionalism Grade (APP): 50%

This course requires active participation in the assigned activities with your group or partner. Each person in the group is required to participate. Engagement with the course material and group members is not only encouraged but required to be successful in this course. Please refer to the student code of conduct at the end of the syllabus for professionalism and behavior expectations.

Your APP Grade includes attendance and participation each week. Each week is worth 200 points for the APP grade (100 pts for each class meeting). Students lose points by violating one or more of the items listed below. If you violate any of these "offenses", your APP Grade will be penalized by 25 points each time.

- If you are late (less than 10 minutes)
- If you are really late (more than 10 minutes)
- Using your phone inappropriately during class
- Using headphones
- Not being professional/ not participating

Assignment Grade Guidelines: 50%

Assignments can come in the form of assignments, discussions, activities, quizzes, or surveys in Canvas. These are the primary methods of learning in this course. Each week, you will have two assignments to turn in. It will be distributed at the beginning of each class. It will also be posted in Canvas each week in the case that someone is absent and does not receive it. The Tuesday Assignment will be due in Canvas 30 minutes before class on Thursday. The Tuesday Assignment will be due in Canvas 30 minutes before class on the following Tuesday. You will need to scan your assignment and submit it online on Canvas. Below are some reminders about submitting your assignment:

- When you scan and save your assignment it **must be saved as one pdf**. Instructions for how to scan and upload documents as a pdf can be found using the links to the right.
- Blurry scans of assignments will not be graded.
- If you only write the final answer and do not show your work, you will receive 0 points for that problem.
- If you do not write your name on your Assignment, you will not receive credit.

*Students using any problem-solving website will be given a zero for the assignment. Students copying the work of another student will be given a zero for the assignment. This applies to all assignments in this course. Academic dishonesty can result in an XF in this course.

Oops Ticket

Students will have the opportunity to submit two "Oops Tickets" in Canvas. An Oops Ticket can be used if a student will not be able to complete an assignment by the due date and will allow for an extension. Oops Tickets are graded at the instructor's convenience. Please do not email the instructor asking when the grade will be entered. Regular assignment submissions and grades to priority over late assignment submissions.

How to submit an assignment in Canvas (Youtube links):

Using Notes app on iPhone

Using AdobeScan app

Absences— Documentation

In Canvas, there is a Documentation Assignment in the bottom Module. Use this documentation submission assignment to submit a scanned doctor's excuse, funeral announcement, or other excuse for missing class.

If you have an excuse but no documentation, you may write your excuse in the text box to submit, and the instructor will use their discretion to decide to accept the excuse and what the next steps may be.

Submission of any excuse is not a guarantee of the instructor allowing a late assignment or giving full credit for an absence missed. It is the instructor's discretion as to what is done after this is submitted.

*Note: if you have multiple days that require documentation, please use this same assignment each time to submit it. The assignment is setup to allow multiple submissions.

University Policies

COVID-19 Protocol

The University is currently operating under normal procedures on all campuses, teaching, and research sites. Face coverings are no longer required in instructional and health care settings, in addition to other public spaces.

Per CDC guidance, individuals with symptoms, a positive test, or exposure to someone with COVID-19 should wear a mask. Individuals may choose to mask at any time. View <u>CDC</u> <u>Use and Care of Masks</u> for more information.

All eligible students, faculty, and staff are strongly urged to get a COVID-19 vaccination and all applicable boosters. <u>Schedule an Appointment –</u> <u>Hattiesburg Campus</u> <u>Schedule an Appointment – Gulf</u> <u>Park Campus</u> <u>Schedule an Appointment in Your</u> <u>Current Area</u> <u>CDC Vaccination Information</u> <u>CDC Booster Information</u>



Academic Integrity Policy

All students at the University of Southern Mississippi are expected to demonstrate the highest levels of academic integrity in all that they do. Forms of academic dishonesty include (but are not limited to): Cheating (including copying from others' work)

Plagiarism (representing another person's words or ideas as your own; failure to properly cite the source of your information, argument, or concepts)

Falsification of documents

Disclosure of test or other assignment content to another student

Submission of the same paper or other assignment to more than one class without the explicit approval of all faculty members' involved

Unauthorized academic collaboration with others

Conspiracy to engage in academic misconduct

Engaging in any of these behaviors or supporting others who do so will result in academic penalties and/or other sanctions. If a faculty member determines that a student has violated our Academic Integrity Policy, sanctions ranging from resubmission of work to course failure may occur, including the possibility of receiving a grade of "XF" for the course, which will be on the student's transcript with the notation "Failure due to academic misconduct." For more details, please see the University's Academic Integrity Policy, visit <u>Academic Integrity I The University of Southern Mississippi (usm.edu)</u> Note that repeated acts of academic misconduct will lead to expulsion from the University.

Confidentiality and Mandatory Reporting

[The Title IX office urges all instructors to consider adding this statement to your syllabi, or to read the statement during the first class meeting. Questions about this request can be directed to Cristin Reynolds <u>Cristin.Reynolds@usm.edu</u> or by calling 601.266.6804.]

As an instructor, one of my responsibilities is to help create and maintain a safe learning environment on our campus. I also have a mandatory reporting responsibility related to my role as a faculty member. I am required to share information regarding sexual misconduct or information about a crime that may have occurred on USM's campus with certain University officials responsible for the investigation and remediation of sexual misconduct. The information will remain private and will only be shared with those officials necessary to resolve the matter. The sharing of information to the Title IX Office does not initiate a Title IX investigation or the criminal investigation process. Reporting to the Title IX Office initiates office outreach to those impacted by the alleged behavior to discuss available resolution options and supportive measures. You do not have to file a formal complaint with the Title IX Office in order to access on and off campus supportive measures. If you would like to speak in confidence, resources available to students include Confidential Advisors with the Shafer Center for Crisis Intervention, the Counseling Center, Student Health Services, and Clergy. More information on these resources and University Policies is available at <u>www.usm.edu/title-ix</u>.

Student Resources

Student Accessibility Services (SAS)

SAS is Southern Miss's designated office to assist the University in its commitment to protect the civil rights of students with disabilities. SAS protects students from discrimination and offers reasonable accommodations to give them equitable access to university courses and resources. Disabilities covered under the ADA may include but are not limited to ADHD, learning disabilities, psychiatric disabilities, physical disabilities, chronic health disorders, temporary injuries, and pregnancies. If a student feels that they need classroom or housing accommodations based on a disability they should contact SAS by phone at 601-266-5024, by email at <u>sas@usm.edu</u>, in person by visiting the SAS office located in Bond Hall Room 114, or online at <u>www.usm.edu/sas</u>.

Food Insecurity and Student Homelessness Statement

The University of Southern Mississippi recognizes that students and staff members may experience challenges beyond their control that impact their ability to take care of their essential needs, such as having food or a safe place to sleep. If you find yourself in need of food or shelter, please consider contacting the Eagle's Nest Food Pantry on the Hattiesburg campus at 601-266-4025 or <u>eaglesnest@usm.edu</u>. All students, faculty, and staff are welcome to come to the Eagle's Nest Food Pantry and utilize the available resources free of charge.

Mental Well-Being Statement

USM recognizes that students sometimes experience challenges that make learning difficult. If you find that life stressors such as anxiety, depression, relationship problems, difficulty concentrating, alcohol/drug problems, or other stressful experiences are interfering with your academic or personal success, consider contacting Student Counseling Services on campus at 601-266-4829. More information is also available at https://www.usm.edu/student-counseling-services, or usm.edu/help. SCS offers currently enrolled students free, confidential counseling services and can provide referrals to campus and community resources. In the event of emergency, please call 911 or if there is a mental health crisis after business hours, contact the counselor-on-call at 601-606-HELP (4357), or call the National Suicide Hotline at 1-800-273-TALK (8255).

Mathematics Center/ Tutoring Resources

Mathematics Center Hours

Cook Library (LIB) 139 Phone: 601.266.5370 Appointment Website: https://usm.mywconline.com By Appointment Only. Monday: 9:30 AM - 5:15 PM Tuesday and Wed.: 9:30 AM - 7 PM Thursday: 9:30 AM - 5:15 PM Closed on Fridays, Sat., and Sundays. Fall Dates: Monday, August 29th to Thursday, December 1st.

Students have access to free individualized assistance for most MAT courses ranging from MAT 101 through MAT 340. Students can choose in-person or online individual or group appointments. Students should make an appointment at least two hours in advance and should cancel at least an hour in advance of their appointment if they are unable to attend. Failure to cancel or arriving more than 10 minutes late will result in the appointment being classified as a "no show." Two or more no-shows for a student during one semester will result in deactivation of the WCOnline account and a required meeting with the Math Center Director before services will be reinstated. Students should email emileigh.mccardle@usm.edu to meet.



Mathematics tutoring appointments are 75 minutes long, and students can book up to two appointments per week. Students should upload documents when making their appointment regarding specific information in which they need assistance and come prepared with specific problems or concepts that need to be discussed in the appointments with the tutors. Tutors assist to clarify understanding of concepts, give guidance in test preparation, and work through common sources of conceptual misunderstandings. Tutors are not allowed to complete any academic work for any student.



Important Dates

Last day to add/drop without academic/ financial penalty	Aug 29
Labor Day Holiday	Sept 5
Fall Break	Oct 20-23
Last day to make an add/drop course re- quest or withdraw from the University and receive a grade of W	Nov 1
Thanksgiving Holiday	Nov 23-27

Classroom Code of Conduct

USM students, regardless of the many perspectives they may bring to a given class, are expected to be courteous while in the classroom. Some unacceptable behaviors are: continuing to talk after being asked by the instructor to stop; conducting side conversations during instruction; nonverbally showing disrespect for others; using vulgar, obscene or other inappropriate classroom language; making disparaging remarks or slurs based on age, religion, race, ethnicity, gender, nationality, disability, or sexual orientation; tardiness and disturbing classroom entrances; getting up during class, leaving, and then returning; pack-

ing up books and/or belongings before class is dismissed; using cell phones, allowing them to ring, or texting during class; inappropriately using computer or other technology in a disruptive way; verbally indicating dissatisfaction with an activity, assignment, or grade; and/or sleeping in class and other inattentive behavior. More serious classroom transgressions include but are not limited to: coming to class under the influence of alcohol or drugs; studentto-student anger; student-tofaculty anger; verbal assault; physical assault; and/or sexual harassment.

Learning Groups/Assistants

Students will be organized in the classroom into groups chosen for them by the instructor in conjunction with the learning assistants. Students should not ask to be moved to another group. We have placed you there for multiple reasons and have thought and planned for a long time regarding grouping arrangements to make sure this class works effectively.

If there are any issues with grouping arrangements, please conference with the INSTRUCTOR, not the learning assistant.

There are NO projects or large assignments that group members will have to divvy up amongst themselves. Students don't have to worry about their grade being affected if other group members don't "do their part" as is typical of some group projects. You are responsible for you, first and foremost. However, each student's role is to follow the participation guidelines outlined in this syllabus. Your part is to learn from others and help others learn from you. Students should encourage and support each other. Students should be tolerant and respectful of other's opinions and open to working problems many different ways.

Student Commitment

Student Rights in a Mathematics Classroom:

Every student in this class has a right to

- 1) be confused
- 2) claim a mistake
- 3) speak, listen and be heard, and
- 4) write, do, and represent only what makes sense.

(These student rights are taken from Kalinec-Craig, C.A. (2017). The Rights of the Learner: A Framework for Promoting Equity through Formative Assessment in Mathematics Education. Democracy and Education, 25 (2), Article 5.)

I commit to being an active learner this semester,

Student signature



The Southern Miss Creed

I belong to a community of scholars at the University of Southern Mississippi.

I will demonstrate integrity and determination in all academic pursuits.

I will appreciate the value of difference among people, customs, and viewpoints and oppose hatred, bigotry and bias toward others.

I will exhibit behavior and choose language that demonstrates respect for fellow members of the Southern Miss community.

I will respect others by honoring their rights, privacy and belongings.

I will value human dignity in my academic, social, and employment settings.

I commit to exhibiting civil behavior, demonstrating responsible citizenry, and doing my part to achieve a positive and secure living and learning environment for all.

Student signature