SOUTHERN UNIVERSITY – SHREVEPORT, LA

SU College Connect Program

FALL 2020 – SPRING 2021

Course Syllabus MATH 135S
Pre-Calculus Algebra

Contact Information   **Office Hours: TBA**

Instructor: _____
Office: _____
Phone: _____
E-mail address: _____

MISSION STATEMENT

Southern University at Shreveport (SUSLA), an autonomous unit of the Southern University System A & M System, seeks to provide a quality education for its students, while being committed to the total community. This Institution awards certificates and associate degrees, prepares students for careers in technical and occupational fields, and offers courses and programs that are transferable to other colleges and universities. Dedicated to excellence in instruction and community service, this open enrollment institution promotes cultural diversity, provides developmental and continuing education, and seeks partnerships with business and industry. The University intends that all individuals should have the opportunity to receive educational experiences and related services, which are compatible with their varied interests, academic abilities, achievements, family backgrounds, motivations, needs, and goals.

CATALOG DESCRIPTION:

Math 135 - College Algebra – In-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions with applications; systems of equations. **Prerequisite:** *ACT score of 20 or higher, appropriate placement test score, or MATH 133*

PREREQUISITE:
Math 133 or Equivalent (Intermediate Algebra)

TEXTBOOK & SOFTWARE:

- Hard Copy of the Book
  6th Edition
  Pre-calculus
  9780134306995

- MyMathLab Online Access Code
  The books is in the form of an E-Book on the website
  Student ISBN #: 9780321199911

COURSE OBJECTIVES:

At the completion of this course, the student should be able to:

A. Solve and graph solution sets of different kinds of inequalities.
B. Graph algebraic and rational functions.
C. Perform operations on functions.
D. Divide using synthetic division.
E. Determine the inverse of a given function.
F. Express exponential and logarithmic functions in both forms and solve equations.
G. Solve exponential and logarithmic equations.

SOUTHERN UNIVERSITY STUDENT LEARNING OUTCOMES:

The graduate from Southern University as Shreveport should be able to:

A. Demonstrate proficiency in written and oral communication.
B. Employ critical thinking and quantitative reasoning to solve problems.
C. Demonstrate technological competency.
D. Conduct research and demonstrate information literacy.
E. Demonstrate and display professional deportment.

COURSE STUDENT LEARNING OUTCOMES:

After the completion of this course, the student should be able to:

A. Solve problems by analyzing, interpreting, and applying properties and other information learned from previous activities. (SLOs 1,2)
B. Solve and graph the solution set of linear inequalities and use the number line approach to solve and graph quadratic and rational inequalities. (SLO 2)
C. Determine and employ the correct property for solving absolute value inequalities. (SLOs 1,2)
D. Graph algebraic and rational functions using specified information and submit in a timely manner. (SLOs 1,2,3,5)
E. Demonstrate division of polynomials with synthetic division and relate the process to long division. (SLO 2)
F. Determine if a function f is one-to-one, identify the inverse of a function f, and provide the domain and range of the inverse of f. (SLO 2)
G. Solve exponential and logarithmic equations by applying the correct properties. (SLO 2)
H. Apply definitions to express exponential and logarithm functions in both forms and solve equations using calculators when necessary. (SLO 2,3)

UNITS OF STUDY: To be announced by your Math 135 Professor.

EVALUATION:

Final grades will be determined by the number of points a student earns from the following categories and *weighed* accordingly:

Category	Weighed %
Homework Assignment	20
Quiz	20
Exam	40
Attendance	20

The percentage scale is as follows:

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

REQUIREMENTS:
A. Each student **MUST** purchase a MyMathLab access code, which is packaged with the textbook.
B. Each student **SHOULD** bring necessary supplies to every class. All assignments **MUST** be completed in pencil, unless directed otherwise.
C. Each student **SHOULD** keep a binder.
D. Each student **MUST** complete all work on time.
E. A legitimate excuse **MUST** be presented to make-up any quizzes or exams. Upon receipt of the excuse, the student will have **EXACTLY** one (1) week to take the make-up quiz/exam.
F. Each student **MUST** make sure their cell phone(s)/electronic devices are on **OFF/SILENT & PUT AWAY BEFORE** entering the classroom. If a student is caught using the previous mentioned devices, the student will be dismissed from class and will not be able to return until he/she meets with the instructor.

CLASS ATTENDANCE POLICY:
- Students are required to attend classes regularly and punctually as a minimum academic obligation. Attendance is recorded the first day after a student registers. Failure to observe this policy may seriously jeopardize a student's academic standing. Tardiness and excused absences should be brought to the attention of the instructor(s) by the student. The following class Attendance polices apply:

- Any student who acquires **SIX (6) UNEXCUSED ABSENTEES** will receive the grade of "F" in the course for the semester.
- A student required to be absent from class because of illness or other unavoidable circumstances should promptly report the reasons to the instructor **IN WRITING**. This is considered to be an EXCUSED ABSENCE.
- All excuses or explanations must be submitted **IN WRITING** to the student's INSTRUCTOR within three school days after the student returns to classes.

- Forms of **WRITTEN EXCUSES** accepted by the *SU College Connect Program* are as follows:
    1) Signed doctor's excuses
    2) Signed letters/statements from the student's parent or legal guardian with the parent's contact telephone number included in the excuse
    3) Signed letters/statements from a student's lawyer or legal representative
    4) Signed letters/statements from a judge or court appointee
    5) Signed letters/statements from the student's landlord or approved appointee
    6) Signed letters/statements from the student's mechanic or approved appointee
    7) Other **WRITTEN EXCUSES** as deemed acceptable by the INSTRUCTOR or the Coordinator for the SU College Connect Program on your host campus.

- Excuses for participation in university-sponsored activities will be initiated by the sponsoring unit and approved by either the Coordinator for the SU College Connect Program on your campus OR the Director for the SU College Connect Program.
- Students who wish to be absent from classes for reasons not covered by these regulations **must** apply to either the Coordinator for the SU College Connect Program on your campus OR the Director for the SU College Connect Program for a leave of absence.

NOTE: Financial aid students who receive all F's due to non-attendance or suspension will be considered "unofficial withdrawals" for the semester. If the student does not take a final exam or complete more than 67% of the course load, he/she may owe money to SUSLA and the Title IV federal aid program(s).

TARDY POLICY:

A student is considered tardy if he/she is later than fifteen (15) minutes arriving to class. Three tardies constitute one absence.

INCLEMENT WEATHER POLICY:
In the event of inclement weather, the Chancellor on the HOST campus may cancel classes. Students are advised to listen to the TV or radio for an announcement or check the university website. Absence without an official school closure is treated as an unexcused absence unless there is danger for the student to travel.

STUDENTS CALLED TO ACTIVE DUTY:
Any student called to active military duty that has **completed at least ¾ of the semester and is in good academic standing** within the course or institution has the following options:
- Receive course grades for the current semester for each enrolled course with the grade earned at the date he or she was called into active duty.

- Receive incompletes for all courses **if approved** by instructors.
- Withdraw from all current semester courses.

Steps to follow when leaving the University for Active Military Duty:

- Provide a copy of military orders to the Registrar's Office. If one chooses to complete the semester courses via an incomplete and if time permits, please follow the appropriate procedures for course completion. If the professor approves an incomplete grade, the student and professor should complete an Incomplete Grade Form, which is available in the Registrar's Office. The incomplete grade form must be initiated by the instructor, and the reason stated for the incomplete grade(s), as follows: —called to Active Military Duty.
- In the event that the military obligation does not permit adequate time to finalize grades or withdrawal, please contact the Registrar's Office. They will act on the student's behalf to inform the appropriate persons and/or departments of call to active military duty, and assist to finalize grades or withdrawal. Any grading options and planning for course completion, as agreed upon by instructors, will be documented. The student will be asked to advise the Registrar's Office whether he wishes to accept the grading option available.
- If administrative drops or a withdrawal are to be processed, the SU College Connect Coordinator on the HOST campus should initiate them. Reasons for withdrawal/administrative drop should clearly state — called to Active Military Duty.

Departments to contact in the event of call to Active Military Duty:
- Registrar's Office on the SUSLA campus - to communicate military call up, overall assistance, and issues related to VA benefits.
- Coordinator for the SU College Connect Program on your HOST campus OR the Director for the SU College Connect Program - in cases of a military call up.
- Financial Aid Office - if receiving financial aid.

MAKE-UP POLICY:
All assignments and papers are due on the due date. I will accept an assignment late. However, your grade will be penalized 10% for each day the paper is late for three (3) days. Assignments and papers submitted after three days will only be accepted *with a valid doctor's excuse.* Assignments and papers submitted more than two weeks overdue, with or without a doctor's excuse, will not be accepted**.** In class assignments, such as pop quizzes, group assignments, or discussion forums cannot be made up, as these activities are interactive and require immediate participation.

ELECTRONIC DEVICES IN CLASS:
The use of cellular phones, pagers, CD players, radios, and similar devices is prohibited in the classroom and laboratory facilities for PERSONAL use.

DISABILITIES POLICY: Southern University at Shreveport, Louisiana is in compliance with the regulations of the American with Disabilities ACT.   The coordinator for ADA is assigned to the Office of Student Affairs. Anyone with special needs should contact the Vocational and Placement Center located in the Counseling Center in the Fine Arts building.

ACADEMIC DISHONESTY POLICY: Plagiarism, cheating, and any other form of academic dishonesty are prohibited.   Any student who is caught cheating on a test, exam, quiz or assignment will be given a grade of zero (0) for the specific evaluation. Students assume full responsibility for the content and integrity of the academic work they submit.   The guiding principle of academic integrity shall be that a student's submitted work, examinations, reports, and projects must be that of the student's own work.

OFFICIALLY ENROLLED: A student is required to show the instructor a paid receipt on the first day of class. A student is not officially enrolled in class unless he or she has a stamped paid class schedule. It is the student's responsibility to ensure that all steps of the registration process have been completed before attending class.

This document is subject to change.