SOUTHERN UNIVERSITY – SHREVEPORT, LA
SU College Connect Program

FALL 2020 – SPRING 2021

MATH 089 Course Syllabus
FOR
ELEMENTARY ALGEBRA (MATH 089S)

INSTRUCTOR: **OFFICE LOCATION:**
OFFICE HOURS: **PHONE:**
CLASS TIME(S)/SECTIONS: **EMAIL:**

COURSE DESCRIPTION:

This course introduces the student to the basic concepts of algebra. Topics include Equations, inequalities and applications, Graphing and functions, System of linear equations and inequalities. Prerequisite: MATH 088 or satisfactory score on the placement exam. *(This course may not be counted toward fulfillment of degree requirements.)*

TEXTBOOOK:

> Beginning & Intermediate Algebra
> AUTHOR(S): Tobey, Slater, Blair, and Crawford
> Student ISBN: 9780134266404
> EDITION: 5th
> PUBLISHER: Pearson

COURSE LEARNING OUTCOMES:

A. **Evaluate signed numbers by using the order of operations. (SLOs 1,2,5)**

B. Students will be able to independently and accurately evaluate mathematics expressions that involve the following: (1) Distributive Properties, (2) Order of Operations, and (3) Substitutions. (SLOs 1,2,5)

C. Solve equations for variables.(SLOs 1,2,5)

D. Solve, graph, and describe linear equations. (SLOs 1, 2,3)

E. Interpret, and describe system of linear equations.(SLOs 1, 2)

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.

ACADEMIC DISHONESTY:

The University defines academic dishonesty in two categories: premeditated and non-premeditated fraudulent behavior. Premeditated fraud is defined as conscious, pre-planned deliberate cheating with materials prepared in advance. It may consist of the following: collaborating during an exam without authority; stealing, buying or otherwise obtaining all or part of an examination; using specially prepared materials; selling or giving away all or part of an examination or examination information; bribing another person to obtain an examination or information; substituting for another student, or permitting another person to substitute for oneself to take an examination; submitting as one's own any work prepared totally or in part by another; selling, giving or otherwise supplying materials to another student for use in fulfilling academic requirements (e.g., term paper, course project, etc.); breaking and or entering a building or office for the purpose of obtaining examinations (administered or unadministered); changing, or being an accessory to the changing, of grades in a grade book, on an examination paper, or on other work for which a grade is given, or a "drop slip" or other official academic records of the University which involve grades; proposing and/or entering into an arrangement with an instructor or receiving a reduced grade in a course, on an examination or any other assigned work in lieu of being charged with academic dishonesty; committing plagiarism – failing to identify sources, published or unpublished, copyrighted or copyrighted, from which information was taken; acquiring answers for any assigned work or examination from an unauthorized source; falsifying references; listing sources in a bibliography not used in academic assignment; inventing data or source information for research or other academic endeavors; forging the signature of a faculty member or any academic officer on an academic document; altering or being an accessory to altering the contents of an academic document (i.e. registration forms, pre-registration forms, add/drop forms, transcripts, fee

exemption forms, registration card, etc.); using computers in an act of academic dishonesty; or submitting falsified or altered transcripts.

Unpremediated fraud is defined as cheating without the benefit of materials prepared in advance. It may consist of copying from another student's examination paper; allowing another student to copy from an examination paper; using textbook(s) or materials brought to class but not authorized for using during an examination.

NON-DISCRIMINATION/DISABILITY POLICY:

Southern University does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. To address inquiries regarding the non-discrimination policies, please contact the Office of Academic Affairs for more information at 318-670-9348.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES:

Southern University is committed to ensuring equal access to an education for enrolled or admitted students who have verified disabilities under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA). College policy calls for reasonable accommodations to be made for eligible students with verified disabilities on an individual and flexible basis.

Any student enrolling in Southern University with a documented disability, who requests accommodations, must first provide a current evaluation of the disability from a medical professional. This documentation, which is required by federal guidelines, will remain on file with the Section 504/ADA/Disability Services Counselor on the "HOST" campus.

INSTRUCTIONAL TECHNIQUES:
   A. Lecture
   B. Class Room Participation
   C. Cooperative Learning
   D. Discussion
   E. Computer Assisted Instruction (MyMathLab)

METHODS OF EVALUATION:

Mid-term grades are determined by the number of points a student earns in the course from oral explanations, assignments, quizzes, exams, projects and the mid-term examination. The percentage scale is as follows:

<div align="center">

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

</div>

The following illustrates how to determine your grade by the point system:

Example: If your total is 774 and the maximum total is 1000, then the average is 77.4% or a grade of C.

$$\frac{\text{Your Total}}{\text{Maximum Total}}$$

Final grades are determined by the number of points a student earns in the course from oral explanations, assignments, quizzes, exams, projects and the final examination. The percentage scale is as follows:

<div align="center">

90% - 100% = A
80% - 89% = B
70% - 79% = C
0% - 69% = NC

</div>

NC represents No Credit and the student is required to re-enroll in the course.

EXAMPLE: (Points will be decided per instructor)

Classroom Instructions
Mymathlab	180
Classwork	100
Quizzes/Exams	500
Mid –Term	100
Final	100
Total Points	980

Grading scale for this course is as follows:

90 -100	716-644	A
80-89	643 -574	B
70-79	573-501	C
69-0	500 -0	NC

GRADING SCALE:

Southern University operates on a 4.0 grading system. Students' academic progress is evaluated according to the following grading system.

GRADE	EXPLANATION	SCALE	QUALITY POINTS
A	Excellent	90-100	4.0
B	Above Average	80-89	3.0
C	Average	70-79	2.0
D	Below Average	60-69	1.0
F	Failure	Below 60	0.0
W	Withdrawal		0.0
AU	Audit		0.0
NC	Non-Credit		0.0
CR	Credit		0.0
P	Pass		0.0

To be in good academic standing, students are required to maintain a cumulative 2.0 average on the 4.0 system. Each grade reported as having been earned by the student at the end of a semester or summer term will be included in computing the cumulative grade point average. The student should observe that the grade "F" carries zero quality points and will be included in the computation.

COURSE OUTLINE
MATH 089
ELEMENTARY ALGEBRA

This outline is intended as a guideline for the course. The institution and the instructor reserve the right to make modifications in content, schedule, and requirements as necessary to enhance each student's educational experience and student learning outcomes.

UNITS OF STUDY:

Chapter 1. Introduction to Algebra - Real Numbers

   1.1 Adding Real Numbers
   1.2 Subtracting Real Numbers
   1.3 Multiplying and Dividing Real Numbers
   1.4 Exponents
   1.5 The Order of Operations
  1.6 Using the Distributive Property to Simplify Algebraic Expressions
   1.7 Combining like Terms
   1.8 Using Substitution to Evaluate Algebraic Expressions & Formulas
   1.9 Grouping Symbols

Chapter 2. Equations and Inequalities

  2.1 The Addition Principle of Equality
  2.2 The Multiplication Principle of Equality
  2.3 Using the Addition and Multiplication Principles Together
  2.4 Solving Equations with Fractions
  2.5 Translating English Phrases
  2.6 Using Equations to Solve Word Problems
  2.7 Solving Inequalities in One Variable

Chapter 3. Graphing and Functions

  3.1 The Rectangular Coordinate System
  3.2 Graphing Linear Equations
  3.3 The Slope of A Line
  3.4 Writing the Equation of a Line
  3.5 Graphing Linear Inequalities
  3.6 Functions

Chapter 4. Systems of Equations

  4.1 Solving a System of Equations in Two Variables by Graphing
  4.2 Solving a System of Equations in Two Variables by the Substitution Method
  4.4 Systems of Linear Inequalities