Instructor: Natália Moore  
Office: Science I Building S 113  
Office Phone: (209) 667–3462

Email: nmoore@csustan.edu  
Please note “Math0106” in subject line of email.

Office Hours: Wed 4:00P – 4:30P, Fri 12P – 1P, or by appointment

Classroom Behavior

All will be treated with respect and all are expected to behave in a manner that fosters a positive and constructive learning environment.

To help us stay focused, all are asked to silence or turn off cell phones and other electronic devices and put these away during class unless required as part of the class session. If you use a cell phone or other device during class time, you may be asked to leave the classroom. If this occurs during a test or quiz, you will be considered to have finished, and I will collect your work at that time.

Course Information: Successful completion of this course meets the prerequisite for college level mathematics courses. Credit earned does not count toward unit requirements for graduation, for general education, or for any major. (Courses numbered 0001-0999 are pre-baccalaureate level and do not carry unit credit toward the 120 units required for a bachelor’s degree.)

Course Objectives: Upon successful completion of the course, students should be able to

- Apply the basic operations of algebra on the set of real numbers, polynomials, exponential expressions, and rational and radical expressions at an intermediate algebra level
- Solve linear equations, inequalities and absolute value equations
- Identify domains, ranges, relations and functions
- Determine slope; write and graph linear equations using slope-intercept and point-slope forms
- Solve and graph systems of linear equations in two variables and relevant applications
- Apply rules of exponents to simplify exponential expressions
- Simplify rational expressions and solve rational equations and relevant applications
- Simplify radical expressions and solve radical equations and relevant applications
- Solve quadratic equations by factoring or quadratic formula, and relevant applications

Required Materials and Use of Technology

- MyMathLab: This is an online course and homework management system from CourseCompass. You will need to purchase an access code at the campus bookstore or online then register online at [http://www.coursecompass.com](http://www.coursecompass.com) in Course ID moore43566. Homework, practice quizzes and practice exams will be completed online. All grades will be posted in the online grade book. You will also have access to the textbook online (Chapter Contents tab or eText tab). Therefore, purchasing the textbook Beginning & Intermediate Algebra by Martin-Gay (5th ed), is optional.

  Please use the MyMathLab 14-day free trial to start reading and working on your homework if you cannot purchase access right away. However, MyMathLab access should be purchased before the free trial expires to prevent a loss of work.

- Calculator: Calculators will be used (no cell phone calculators allowed). I recommend a scientific calculator with two-line display and edit capability (cost $14). No sharing of calculators during quizzes or exams is allowed.
Access to a computer and the internet will be needed for reading the textbook, completing online homework assignments, course information and accessing email. Computers are available in labs located in L145, N201 and S102. Check online schedule for hours of operation: https://www.csustan.edu/oit/client-services/computer-labs

Requirements and Expectations: Attend all classes for the full class session and participate in class activities. Prepare and complete all assignments by the given due dates. This includes reading the sections (or at least the summary) in the textbook pertaining to the topics of the day before the topics are presented in class. After the topic discussion, complete the in class practice, check your answers and make corrections where needed. It is important to keep up with the pace of the class, ask for clarification and seek extra help outside of class whenever necessary. For each hour you are in class, expect to spend at least two hours preparing and doing homework outside of class.

Attendance: If you are on an athletic team, departmental team, scholastic team, choir, or other group and must miss class, notify me in advance with the appropriate documentation so that we may make arrangements for make-up work.

Homework, Preps, Labs, and Quizzes

Homework is assigned daily and you are expected to complete it by the given due date. Though you will be submitting your answers online, you will need to note on paper the steps in completing many of the assigned homework problems – I suggest you keep a "homework journal" to document your work. If you have a question about a homework problem, you have the next class session to ask by putting the problem on the board at the beginning of class or by giving the instructor a copy of the problem. This will be the first topic of each day and we will reserve the first 5-10 minutes of class time for these. Homework due dates are posted in MyMathLab.

Offline Assignments: Other assignments including vocabulary and PREPs will be collected and graded. Chapter Vocabulary Check is provided in the textbook. Copy the Word Bank then write and complete the sentences, underlining the word or words you filled in. Vocabulary is due at the beginning of class.

Quizzes: These will be based on topics previously covered and graded with partial credit.

Exams: There will be two in class exams and a final graded with partial credit. Seating may be randomly assigned for each exam.

The final exam will be comprehensive and will not be at the regular class time. The final will be Monday May 22, 8:30A – 10:30A. NO MAKE-UP FINALS GIVEN.

There are no make-ups for quizzes or exams unless you have given me prior notice of a university excused absence or you have a verifiable emergency for which you can provide written documentation.

Grading:

Your course grade will be calculated as follows (category and weight):

- Online Homework & Assignments 15%
- Online Quizzes 5%
- In Class Quizzes 10%
- Exams 45% (20% for Exam 1 and 25% for Exam 2)
- Final 25%

In order to pass this class, you must score at least 70% overall. Grades are assigned as follows:

- A 90% – 100%
- B 80% – 89%
- C 70% – 79%
- NC – Less than 70%. You may not use the CR/NC option.
**ACADEMIC HONESTY:** Academic honesty is expected at all times in this course. Incidents to the contrary will be referred to the campus office of Judicial Affairs. Refer to your student handbook and to the Appendix (Student Conduct) of the University Catalog for details.

**ATHLETICS:** Athletes who miss class due to scheduled athletic events must make arrangements to complete and turn in assignments before the expected absence.

**ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES:** Students who are registered with Disability Resource Services will receive the necessary accommodations for learning and evaluation. If you have a disability requiring an accommodation and are not registered, please contact:

Disability Resource Services  
Mary Stuart Rogers Building, Room MSR 210  
Phone: (209) 667-3159

**SOME IMPORTANT DATES:**  
February 8 last day to add a class.  
February 22 last day to drop a class and last day to request CR/NC grading option.  
See Schedule of Classes or the Academic Calendar for more information.

**SYLLABUS CHANGES:** If changes to this syllabus are necessary, I will announce these changes during class and post the changes in MyMathLab.

**SOME SUGGESTIONS TO HELP YOU SUCCESSFULLY COMPLETE THIS COURSE:**

- Prepare for class as outlined under Requirements and Expectations.
- Take time to familiarize yourself with the online resources provided through MyMathLab.
- Read through the sections pertaining to the topics before they are covered in class or, at the least, go to “End of Chapter Material” and read the “Highlights” pertaining to the sections of the day.
- Make use of the online explanations and videos provided with the textbook.
- Take good notes, study your notes and redo notes and problems as necessary.
- Do homework as it is assigned. Allow enough time to work through explanations (when needed).
- Work through all the assigned problems. Work more than the assigned problems whenever possible and when you think you may need more practice.
- Refer to other math textbooks if necessary – the library has many available.
- Form a study group and meet on a regular basis to go over concepts and homework problems you have already attempted.
- See me during office hours or schedule time to meet with me outside of class.

**TUTORING** is available on the first floor of the Vasche Library building in L 112. Check hours for walk in tutoring or find out how to make an appointment at [http://www.csustan.edu/tutoring/](http://www.csustan.edu/tutoring/).