

**Office:** 237 Jones Building

**Email:** [steven.wallace@maconstate.edu](mailto:steven.wallace@maconstate.edu)

**Phone:** 478-471-2895

**Office Hours:** MONDAYS and 4:00 pm – 5:30 pm  
WEDNESDAYS – *WRC*

TUESDAYS and 11:00 am – 12:30 pm  
THURSDAYS – *MSC* 3:15 pm – 4:30 pm

**Course Description:** This course, designed for students who plan to take MATH 1113, MATH 1200, or MATH 1251, is a functional approach to algebra which incorporates the use of appropriate technology. Emphasis is placed on the study of functions (linear, quadratic, piecewise defined, rational, polynomial, exponential and logarithmic), their graphs, and inequalities. Appropriate applications are included. Lecture/Lab: Three hours per week.

**Required Materials:** TEXTBOOK: College Algebra and Trigonometry customized 3<sup>rd</sup> ed. by M. Dugopolsky, TI-84 GRAPHING CALCULATOR (TI-83 is sufficient).

**Supplementary Web Sites:** <http://math.maconstate.edu/swallace>, <http://calculator.maconstate.edu>, GaView Vista.

**Prerequisites:** Completion of Learning Support mathematics requirements with at least a "C" in MATH 0099 and a score of 12 or higher on the College Algebra Placement Test; or at least a "C" in MATH 1101; or a math SAT score of at least 550.

**Course Goals and Expected Outcomes:** To demonstrate a working knowledge of mathematical skills, concepts, and ideas commensurate for problem solving and the interpretation of information, the student will minimally be expected to:

- Perform basic concept operations involving integer exponents, fractional exponents, radicals, polynomials, and rational expressions;
- Solve and graph linear, quadratic, radical, absolute value, exponential, and logarithmic equations and functions; solve linear quadratic, and absolute value inequalities.

In order to demonstrate critical thinking and problem solving skills in a variety of settings, the student will minimally be expected to:

- Use algebraic skills to solve applied problems such as number problems, geometric problems, and investment problems.

To demonstrate the ability to locate, organize, and analyze data from a variety of different sources, the student will be expected to:

- Use a graphing calculator in class and on quizzes and exams as an emphasis on the use of information technology.

**Attendance and Make-up Policy:** Attendance will be taken for the purpose of keeping a class record. No penalty will be imposed based on attendance. Note, if you are absent, **you are responsible for all assignments and announcements made in class**. There will be NO MAKE-UP quizzes, and make-ups for exams will be granted ONLY for the following reasons: (1) death in the family, (2) serious injury or illness (with doctor's note), and (3) travel required to represent the college. **Missing the Final will result in an F for the course.**

**Assessments / Final grade:**

|     |                    |                                  |
|-----|--------------------|----------------------------------|
| 30% | 8 in-class quizzes | TWO quiz scores will be dropped  |
| 40% | 3 in-class tests   | BEST 3 scores of tests and Final |
| 30% | Final exam         | Cumulative exam                  |

The quizzes and tests will be mainly short write-in answers with perhaps some multiple-choice; remember to SHOW ALL YOUR WORK. Problems will be similar to those discussed in class or given in homework assignments.

**Responsibility for Missed Work:**

Missing or late work WILL NOT be accepted unless prior arrangements are made. If you miss a class, it is YOUR RESPONSIBILITY to obtain the assignment and complete it. It is, thus, highly recommended that you share contact information with some of your fellow classmates.

**Academic Misconduct:**

As a Macon State College student and as a student in this class, you are responsible for reading, understanding, and abiding by the MSC Student Code of Conduct. The student Code of conduct is included in the MSC Student Handbook and is available online at <http://www.maconstate.edu/studentlife/studenthandbook.pdf>. Academic misconduct WILL NOT BE TOLERATED and **will result in an F for the course.**

**Disability Accommodations:**

Students seeking academic accommodations for a special need must contact the MSC Counseling and Career Center (478-471-2714) located on the second floor of the Student Life Center on the Macon Campus.

**Tentative Schedule:**

The “Weekly Plan” gives the schedule of sections and assessments for the entire semester. The exam and quiz dates WILL NOT CHANGE but the sections covered by those assessments are subject to change.

**More on Tests and Grading:**

1. Exams will not be graded in the presence of to whom the exam belongs.
2. Grades will not be posted, emailed, or given over the phone. Graded exams will be returned in class or during office hours. You will receive your course grade when it is posted by the Registrar’s Office.
3. The following factors will not be considered in calculating the course grade:
  - a) This being the last math course the student has to take
  - b) The student is graduating
  - c) The student is on Academic Probation
  - d) The grade will not transfer to another institution
  - e) The student is in the honor’s program
  - f) The student will lose a scholarship
  - g) Other similar situations. Note that this list is not exhaustive.
4. The following grading scale will be strictly followed:  
**A = 90-100% B = 80-89% C = 70-79% D = 60-69% F = 0-59%**

**Office Hours:**

Students are welcome to come to office hours but are expected have attempted the homework and to have their notes and questions organized.

**Telecommunications:**

1. Cell phone ringers should be turned off prior to entering the classroom.
2. If there is an emergency call, please leave the classroom.
3. Emails to me should concern official school business only.