College Algebra (Math 130) – Spring 2014

- **Instructor**: Dr. Scott Sarra
- **Office Hours**: By appointment on Tuesdays and Thursdays from 12:15 to 2:00 and 3:15 to 5:00 in ML 110
- **E-mail**: sarra@marshall.edu

Textbook: College Algebra, by Sullivan, ninth edition, ISBN: 0321716817

Course Description: Basic concepts of algebra; Equations and Inequalities; Graphs; Study of Functions and their Graphs; Linear and Quadratic Functions; Polynomial and Rational Functions; Exponential and Logarithmic Functions, matrices and basic linear algebra.

Course Learning Objectives: To prepare for more advanced study in Mathematics as well as acquire skills that are need for classes in the students major area of study.

If you need help: The is no reason for your questions to go unanswered. Ample time will be made available during class to ask questions. Additionally, if you need help outside of class there are two free tutoring centers on campus where you can get one on one help from a tutor. Information on the tutoring centers is available at http://www.marshall.edu/math/tutoringlab.asp

Credits: 3   **Prerequisites**: ACT Math of 21 or above.

Calculator: A basic scientific calculator with a log and exp key. Graphing calculators and cell phone calculators may not be used during exams.

Grading: Four 100 point exams, four 20 point take home practice exams, and a 200 point cumulative final exam, for a total of 680 points. Grades will be averaged and final grades assigned according to the following:

   $90 <= x <= 100$ -> A; $80 <= x < 90$ -> B; $70 <= x < 80$ -> C; $60 <= x < 70$ -> D; $x < 60$ -> F

Homework: For each topic discussed in class homework problems from the textbook will be suggested. It is your responsibility to master the problems in a timely manner. Test questions will be based on the problems. You are encouraged to ask questions about the homework problems at the beginning of each class. The problems will not be collected. They are for your benefit in assisting you with understanding the material.

Makeup exams: If you are unable to take an exam due to an excused absence, you must contact me prior to the exam time and furnish the proper written verification of the absence as defined by the MU undergraduate catalog in order to take a make-up exam.

Attendance Policy: It is strongly advised that you attend every class. Experience indicates that the best grades are earned by students that attend and are prepared for every class. Borderline grade decisions will be determined by attendance.

Documented learning disabilities: Accommodations will be made to assist students with documented learning disabilities. Students should make arrangements with the Help center or other appropriate campus organizations to provide the instructor with a notice of accommodation.