Marshall University

Course Title/ Number	**MTH 127 – "College Algebra – Expanded"**
Semester/Year	**Spring 2014**
Days/Time	10:00-10:50 a.m., Monday through Friday.
Location	SH 334
Instructor	Molly Peterson
Office	Smith Hall 311
Phone	304 696-3854
E-Mail	peterson49@marshall.edu
Office/Hours	2:00 – 4:00 p.m. Monday and Wednesday Or, happily, by appointment!
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy be going to www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to http://www.marshall.edu/academic-affairs/policies **University Policies:** Academic Dishonesty, Excused Absence Policy for Undergraduates, Computing Services Acceptable Use, Inclement Weather, Dead Week, Students with Disabilities, Academic Forgiveness, Academic Probation and Suspension, Academic Rights and Responsibilities of Students, Affirmative Action, Sexual Harassment

Course Description: From Catalog

College Algebra – Expanded Version, 5 credit hrs.
A brief but careful review of the main techniques of algebra, including but not limited to polynomial, rational, exponential, and logarithmic functions; graphs; systems of equations; etc.

The table below shows the following relationships: How each student learning outcomes will be practiced and assessed in the course.

Course Student Learning Outcomes	How students will practice each outcome in this Course	How student achievement of each outcome will be assessed in this Course
Students will . . .	**Upon completion of this course, students will be able to…**	**Each student learning outcome will be assessed in the following manner:**
Students will	…succeed in higher math classes, such as Trigonometry and Calculus.	a comprehensive final exam covering concepts frequently encountered in higher math classes.
Students will	…see themselves as possessing the ability to understand and explain basic algebra concepts.	participation in presentation/explanation of homework solutions in front of classmates.
Students will	…think critically.	tests and quizzes.

Required Texts, Additional Reading, and Other Materials

College Algebra by Sullivan, 9th Edition.

Course Requirements / Due Dates

Technology Requirements: *A graphing calculator (**NOTE: mobile phones NOT allowed on exams**) is required* for this course. I personally recommend a TI-83 or something similar. (These are not cheap, so start shopping soon. If you plan to take additional courses in mathematics, a TI-89 may be worth the extra cost.

There will be 3- 50 minute in class exams, one comprehensive final, 12 weekly quizzes given on Wednesdays each worth 25 points, and 100 points for participation and board work. Wednesdays will be devoted to quizzes and board work. Each time a student presents a problem on the board they will receive 10 points towards the 100 points of participation (That means each student will need to present 10 times during the semester).
FINAL EXAM: Monday, May 5th from 10:15 A.M. to 12:15 P.M.

Grading Policy

3 In-Class Exams	30%	300 pts.
Comprehensive Final Exam	30%	300 pts.
12 Weekly Quizzes	30%	300 pts
Participation/Board Work	10%	100 pts
Total	100%	1000 pts

Attendance Policy

Attendance **is required. You will not be allowed to take quizzes or exams, etc. unless you are in class**. If an excused absence results in missing quiz/exam, then a make-up date (*within one week of absence*) must be scheduled with course instructor. Consult your handbook regarding university excused absences. **Silence all electronic devices during class**. Answer any important calls outside of the classroom.

Course Schedule
MTH 127: Spring 2014 Tentative Schedule For Exam 1 (Subject to Change)

<u>Week 1</u>
1/13: R.1
1/14: R.1, R.2
1/15: Quiz/Board Work/R.3

1/16: R.4
1/17: R.5

Week 2
1/20: No Class (MLK Day)
1/21: R.6
1/22: Quiz/Board Work/R.7
1/23: R.8
1/24: 1.1

Week 3
1/27: 1.2
1/28: 1.2 (cont.). 1.3
1/29: Quiz/Board Work/1.3
1/30: 1.4
1/31: 1.5

Week 4
2/3: 1.6 (just equations), 1.7
2/4:   1.7 (cont.)
2/5: REVIEW/Board Work
2/6: TEST 1
2/7: 2.1