

Marshall University

Course Title/Number	MTH 127: College Algebra Expanded
Semester/Year	Fall 2018
Days/Time	MTWRF 8:00 – 9:00 am
Location	St. Joseph Central Catholic High School Room 205
Instructor	Mrs. Amanda Webb
Phone	304 – 525 – 5096
Textbook	College Algebra 2 nd Edition by Ratti & McWater (ISBN: 978-0-321-64031-4)
Calculator	TI – 83 or TI – 84
E-Mail	amanda.webb@stjosephhs.org
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by 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/?page_id=802 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:

This course a brief but careful review of the main techniques of Algebra: polynomial, rational, exponential, and logarithmic functions, graphs, equations, inequalities, and sequences.

Materials:

- Textbook (see above for details)
- Graphing Calculator (see above for details)
- Pencils!!
- 3 Ring Binder used only for this course
- Remind.com account
- Google Classroom account
- **6** black or blue dry erase markers and **1** dry erase eraser for table work

The table below shows how each student learning outcome will be practiced and assessed in the course.

Course Student Learning Outcomes	How students will practice each outcomes in this Course	How student achievement of each outcomes will be assessed in this Course
Students will succeed in higher math classes, such as Trigonometry and Calculus.	Homework, written assignments, in – class activities	Comprehensive final exam covering concepts encountered in higher math courses.
Students will see themselves as possessing the ability to understand and explain basic	Homework, written assignments, in – class activities	Participation in group quizzes, and presentation/explanation of homework solutions to classmates.

Algebra concepts.		
Students will think critically.	Homework, written assignments, in – class activities	Tests and quizzes, including problems requiring synthesis of many ideas to solve unseen problems.
Students will identify and implement appropriate solution methods for single – variable equations.	Homework, written assignments, in – class activities	Course exams and common final.
Students will identify and graph standard algebraic functions.	Homework, written assignments, in – class activities	Course exams and common final.
Students will interpret graphs of functions.	Homework, written assignments, in – class activities	Course exams and common final.
Students will construct functions to model applications.	Homework, written assignments, in – class activities	Course exams and common final.
Students will communicate written mathematics using appropriate notation and explanation where appropriate.	Homework, written assignments, in – class activities	Course exams and common final.

Course Requirement:

- **Tests/Quizzes:** A comprehensive test to measure students’ mastery of skills and concepts will be given at the end of each chapter. There will usually be a review the day before the exam and students will have the chance to ask questions. Exam dates will be announced at least 3 days in advance. A make-up test will only be allowed if the day the student has missed is excused. He/she will be expected to take the test immediately upon returning to school. Missing the day before an exam will NOT excuse you from taking the test.

Quizzes will be given often and unannounced. Material for the quiz will be taken from the previous day’s assignment. Students will be given the opportunity to discuss any problems regarding their homework before the quiz.

- **Homework:** Homework completion is very important for a number of reasons. First, it helps you to understand the concepts from the lesson that you understood or did not understand. It gives you questions to present in class the next day that initiates discussion of homework. Second, it helps the teacher to know what concepts you understand. The attention to detailed, written explanations sheds light on the level of understanding that you have of mathematical concepts. Additionally, your detailed work and written explanations set you apart from other students, and it is only those students who work the very hardest and who master the content with deep understanding who deserve to make a top grade of an A in a dual credit course. ***Homework will be due at the end of a unit for a 50-point completion grade. Throughout the unit, you may periodically have homework quizzes during which you will provide solutions to various homework problems.***
- **Mobile device/Phones:** NO PHONES, computers, tablets, smartwatches, etc. will be permitted in my classroom. Leave it in your locker! If you bring a phone or mobile device into my classroom, you will

be sent to the office. If you do not follow this procedure, you will receive a zero for participation for the day. TEXTING DURING CLASS WILL NOT BE TOLERATED. Additionally, if a student photographs or videos during the class without permission from me, the student will be removed from the class until a parental meeting is held with the principal and me. A zero will be earned each day the student is out of class for participation and for any homework, quiz, or test.

- **Tutoring:** After school tutoring is available once a week in Mrs. Webb's room. Members of Mu Alpha Theta along with Mrs. Webb will be available after school on the specified day for any student wishing to receive extra help in his or her math course.
- **Final Exam:** MTH 127: Thursday, December 13th (Part I) and Friday, December 14th (Part II)

Attendance Policy:

Attendance is **required**. Unexcused absences from six classes will result in a reduction of one letter grade for the semester; unexcused absences from seven or more classes will result in an F. Inform me on time if you'll be missing more than five classes this semester. If an excused absence results in missing quiz/exam/homework then a make – up date must be scheduled with the instructor.

Marshall Grading Scale:

90-100	A
80-89	B
70- 79	C
60-69	D
0-59	F

St. Joseph Grading Scale:

93-100	A
85 - 92	B
77 - 84	C
69 - 76	D
0 - 68	F

Classroom Rules:

1. Follow directions the first time.
2. Complete all assignments.
3. Do your own work.
4. Stay seated unless told to get up.
5. Be in your seat and working the bell ringer when the bell rings.
6. Do not eat, drink, or chew gum unless otherwise told.
7. Bring required materials to class every day.
8. Be polite and show respect to your teacher as well as other students.
9. You may ONLY write in pencil!
10. Participate in class activities and group discussions.