**Marshall University**

**MTH 127 – 105 Syllabus Fall 2016**

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| **Course Title/Number** | College Algebra MTH 127 |
| **Semester/Year** | Fall 2016 |
| **Section/CRN** | 105 |
| **Days/Time** | MTWRF 12:00 – 12:50 |
| **Location** | SH 518 |
| **Instructor** | Mary Crytzer |
| **Office** | SH 741A |
| **Phone** | 304-696-7245 |
| **E-Mail** | mary.crytzer@marshall.edu or MUOnline mail tool |
| **Office Hours** | Mon. 9-10, Tues. 9:15-10, Wed. 8:30-10, Thurs. 9:15-10, 12-1 |

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| **Graduate Student Instructor** | Jacob Rodeheffer |
| **GSI Office** | Smith Music 115 |
| **GSI Phone** | 304-696-3986 |
| **GSI E-Mail** | jacob.rodeheffer@gmail.com |
| **GSI Office Hours** | TBA |

**University Policies**

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| 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](http://www.marshall.edu/academic-affairs) and clicking on “Marshall University Policies.” Or, you can access the policies directly by going to [www.marshall.edu/academic-affairs/policies/](http://www.marshall.edu/academic-affairs/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**

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| A brief but careful review of the main techniques of algebra. Topics include: polynomial, rational, exponential, and logarithmic functions, graphs, equations and inequalities, sequences. Prerequisite: Math ACT 19 or 20 or MTH 099 or MTH 102 or MTH 102B **5 credit hours**.  This section of MTH 127 is structured in a lecture/recitation style. Students will meet three days a week (MWF) with Mary Crytzer and two days a week (TR) with Jacob Rodeheffer. On MWF, students will focus on learning new college algebra material. On TR, students will focus on review and practice, with active-learning activities to help with student success in the course. |

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

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| **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** |
| Identify and implement appropriate solution methods for single variable equations. | Students will attend class, complete homework, participate in class discussions, and ask questions. | Students will complete in class assignments, homework, quizzes, 3 exams and a comprehensive final exam. |
| Identify and graph standard algebraic functions. | Students will attend class, complete homework, participate in class discussions, and ask questions. | Students will complete in class assignments, homework, quizzes, 3 exams and a comprehensive final exam. |
| Interpret graphs of functions. | Students will attend class, complete homework, participate in class discussions, and ask questions. | Students will complete in class assignments, homework, quizzes, 3 exams and a comprehensive final exam. |
| Construct functions to model applications. | Students will attend class, complete homework, participate in class discussions, and ask questions. | Students will complete in class assignments, homework, quizzes, 3 exams and a comprehensive final exam. |
| Communicate written mathematics using appropriate notation and explanation in English. | Students will attend class, complete homework, participate in class discussions, and ask questions. | Students will complete in class assignments, homework, quizzes, 3 exams and a comprehensive final exam. |

**Required Texts, Additional Reading, and Other Materials**

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| * **Textbook and access code** – *College Algebra, 2nd Edition* by Paul Sisson 2008 with access to Hawkes Learning Systems. (You may choose to purchase a textbook or e-book version of the required text.) * **Graphing calculator** – I suggest a TI-83 or TI-84. * **Computer** – Students must have access to a computer and internet in order to complete online homework. |

**Course Requirements/Due Dates**

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| |  | | --- | | Students will utilize an online homework tool, will be assessed in class with assignments and quizzes, and will complete in class tests and the final exam. A course schedule will be provided to students.  **Homework**: Homework is assigned for every section discussed in class on Hawkes. The homework assignment due dates will be provided to the students.  **Classwork/Quizzes**: Students will complete in-class assignments and quizzes throughout the semester. These assignments may only be made-up if the student’s absence is excused by the University.  **Tests**: There will be three in-class exams. The course schedule lists the tentative dates for exams. Students will also take a comprehensive final exam on **Tuesday, December 13th 12:45-2:45**. If you know ahead of time that you will be absent on the day of an exam, please let the instructor know so that you can make arrangements. Make-up exams will only be given in the event of a university-excused absence. | |

**Grading Policy**

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| Since there are multiple ways in which students learn, knowledge and understanding will be assessed with multiple tools. A student’s grade is assessed by the number of points earned in each of the following categories:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Category** | **% of Grade** |  | A | 90-100% | | In-Class Exams | 60% |  | B | 80-89% | | Comprehensive Final Exam |  | C | 70-79% | | Online Homework, Other, Attendance | 25% |  | D | 60-69% | | Recitation (Tues./Thurs.) | 15% |  | F | 0-59% | |

**Attendance Policy**

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| **Students are required to attend each class**. **Attendance is necessary for the successful completion of this course and will count for a small part of the final grade. A**ny unexcused absence on the day of an exam will result in a score of zero, and only an excused absence will warrant a make-up exam. Consult your handbook regarding university excused absences. |

**Tutoring**

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| Math Department Open Computer Lab  Location: **Smith Hall 620**  Hours: **MTWR 5:00 – 6:30**  Math Department Tutoring Lab  Location: **Smith Music Hall 115**  Hours: **MTWR 10:00 am – 4:00 pm, and F 10:00 am – 12:00 noon**  There are no computers in the math tutoring lab. Please bring your questions on paper or bring your own laptop. |

**Getting Started with Hawkes**

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| We will register for the online homework together in class. In a web browser, navigate to learn.hawkeslearning.com. Click on Create an Account. Choose the appropriate option “I have an Access Code”, “I want to Purchase Access”, or “I want to request Temporary Access” and press Continue.  Use your name and email as officially recorded with Marshall University. In particular, enter your Marshall email address **@live.marshall.edu**. Select product “College Algebra”. Select your instructor “Mary Crytzer” and section “MTH 127 Section 105”. Verify your email as instructed.  Technical Assistance  Students requiring technical assistance with the Hawkes software should contact Hawkes directly by phone at 800-426-9538 or 843-571-2825, Monday – Friday 8:30am – 10:00pm ET, or by live chat at www.hawkeslearning.com/chat, any time 24/7. |

**Important Dates:**

9/5/16 **Labor Day – University Closed**

10/10/16 **Freshman/Sophomore Midterm D and F Grades Due**

10/28/16 **Last Day to Drop a Full Semester Course**

11/21/16-11/26/16 **Thanksgiving** **Break – No Classes**12/13/16 **Final Exam 12:45-2:45**

