**Marshall University**

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| Course Title/Number  | **MTH 099-112** |
| Semester/Year | Fall 2014 |
| Days/Time | TR 11:00 am - 12:15 pm |
| Location | FN 1150 |
| Instructor | Jen Anderson |
| Office | Smith Music 115 |
| Phone | 304 696-3986 |
| E-Mail | anderson338@marshall.edu |
| Office/Hours | M: 10:00-11:00 am and TR: 9:00-10:00 am |
| 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](http://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](http://www.marshall.edu/academic-affairs/?page_id=802)**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**

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| The purpose of this course is to prepare students with low placement test scores to take college level mathematics courses required in their program of study. Note: This is a 3 hour course and will count toward full time enrollment status, but does not count toward graduation or GPA. A grade of **Credit** or **No Credit** will be assigned. |

The table below shows the following relationships: How each student learning outcomes 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** |
| Students will categorize expressions versus equations, employing appropriate mathematical properties to demonstrate an understanding of linear expressions and equations. | Connect MathQuizzes | Exams |
| Students will employ appropriate mathematical properties to demonstrate an advanced understanding of the operations on and simplification of polynomial, rational, and radical expressions, including factoring. | Connect MathQuizzes | Exams |
| Students will articulate algebraic meanings for the solutions to linear, quadratic, rational, and radical equations, and also provide graphical representations for the solution(s) to linear equations. | Connect MathQuizzes | Exams |
| Students will assimilate information, individually or in a group, from a variety of sources to formulate successful study skills and problem solving strategies. | Connect MathQuizzes | Exams |

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

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| 1. **TEXTBOOK COMPONENT:**

 **Introductory Algebra 2nd Edition. 2009. Miller, O’Neil, Hyde.** ISBN: 97812591463671. **ONLINE COMPONENT:**

 **CONNECT MATH Access Code –** ISBN: 9780077543754 **CONNECT MATH:**  Connect is the online homework tool and access must be purchased to meet the requirements for the Connect portion of the course. Students are required to have access to a computer outside of class.**CONNECT MATH COURSE CODE:**E4DML-GN6CD |

**Course Requirements / Due Dates**

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| 1. **Prerequisites:** ACT 17 – 18 **OR** SAT equivalent **OR** successful completion of WMTH 001 or MTH 098.
2. **OUTSIDE CLASSROOM REQUIREMENTS: Students will need to *work at least 2-4 hours outside of class for every 1 hour spent in class,* studying notes and the textbook, completing homework from the book, and completing assignments in Connect to meet the requirements of the course.**
3. **FINAL EXAM: The MTH 099 Common Final Exam will be held on Saturday, December 6th at 2:00 p.m. The location will be announced closer to the final.**
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**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:

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| **Category** | **% of Grade** | **Points** |  |  |  |
| In-Class Exams | 30% | 300 pts. |  |  |  |
| Comprehensive Final Exam | 30% | 300 pts. |  | **Credit:** | 75% or higher overall |
| Online Homework Tool | 20% | 200pts. |  | **No Credit:** | Less than 75% overall |
| Attendance | 5% | 50pts. |  |  |  |
| Miscellaneous | 15% | 150pts. |  |  |  |
| **Total:** | **100%** | **1000 pts.** |  |  |  |

 \*\*Students are required to take the comprehensive final exam in order to pass the course. |

**Attendance Policy**

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| **Attendance is taken daily and is worth 5% of your final grade. It is expected that each student shows up on time and is prepared for class. Attendance is necessary for the successful completion of this course.** A student may have an absence officially excused at The Office of Student Affairs, Memorial Student Center MSC 2W38. **A**ny unexcused absence on the day of an exam will result in a score of zero.  **O**nly an excused absence will warrant a make-up exam to be scheduled at a mutually agreeable time.  |

**Calculator Policy**

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| A calculator should be used only when you are instructed to do so. The TI-83/TI-83 plus or similar graphing calculator is recommended for students continuing into MTH 127/MTH 130 and other higher level courses. A scientific calculator is recommended for students continuing into MTH 121. Students may not utilize cell phones as calculators during tests. |

**Classroom Etiquette**

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| During class, cell phones must be turned off and out of sight. Please make the instructor aware ahead of time if access to these devices is needed.  |

**Tutoring Facilities**

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| **TUTORING FACILITIES:** Marshall University provides multiple options for free on-campus tutoring. The Mathematics Department tutoring lab is located in Smith Music Hall 115. The University College has a tutoring lab on the first floor of Laidley Hall. It is the student’s responsibility to take advantage of these facilities in addition to utilizing office hours.  http://www.marshall.edu/math/tutoringlab.asp |

**Important Dates:**

9/1/14 **Labor Day – University Closed**

10/20/14 **Freshman Midterm D and F Grades Due**

10/31/14 **Last Day to Drop a Full Semester Course**

11/24/14 – 11/28/14 **Thanksgiving/Fall Break – No Classes**

12/1/14 – 12/6/14 **Dead Week**

12/6/14 **MTH 099 Common Final Exam Day (2:00 p.m.)**

**Course Schedule**

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| MTH 099 Weekly Schedule (subject to change) - TR Class Fall 2014 |
|   | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| Week 1 |   |   |   |   |   |   |   |
| 8/24 - 8/30 |   |   | Syllabus Review 1.1, 1.2 |   | 1.3, 1.4 Connect Math Setup and Practice (R1, R.2, R.3, R.4) |   |   |
| Week 2 |   |   |   |   |   |   |   |
| 8/31 - 9/6 |   |   | 1.5, 1.6 |   | 2.1, 2.2, 2.3 |   |   |
| Week 3 |   |   |   |   |   |   |   |
| 9/7 - 9/13 |  |   | 2.4, 2.6, 2.8, 3.1 |   | 3.1, 3.2, 3.3, 3.4 |   |   |
| Week 4 |   |   |   |   |   |   |   |
| 9/14 - 9/20 |  |   | 3.5, 3.6,3.7 |   | 4.5, Review for Exam 1 |   |   |
| Week 5 |   |   |   |   |   |   |   |
| 9/21 - 9/27 |  |   | ***Exam 1 (Ch. 1-3)*** |  | 5.1, 5.2, 5.3, 5.4 |   |   |
| Week 6 |   |   |   |   |   |   |   |
| 9/28 - 10/4 |   |   | 5.5, 5.6, 5.7 |   | 6.1, Review Ch.5 |  |   |
| Week 7 |   |   |   |   |   |   |   |
| 10/5 - 10/11 |  |   | 6.2, 6.3, 6.4 |   | 6.4, 6.5 |   |   |
| Week 8 |   |   |   |   |   |   |   |
| 10/12 - 10/18 |   |   | 6.7, Review for Exam 2 |  | ***Exam 2*** ***(Ch. 5-6)*** |  |   |
| Week 9 |   |   |   |   |   |   |   |
| 10/19 - 10/25 |  |   | 7.1, 7.2, 7.3 |   | 7.3, 7.4 |   |   |
| Week 10 |   |   |   |   |   |   |   |
| 10/26 - 11/1 |  |   | 7.4, 7.6 |   | 7.6, Review Ch. 7 |   |   |
| Week 12 |   |   |   |   |   |   |   |
| 11/2 - 11/8 |  |   | 8.1, 8.2, 8.3 |   | 8.3, 8.4, 8.5 |  |   |
| Week 13 |   |   |   |   |   |   |   |
| 11/9 - 11/15 |  |   | 8.6, Review Ch. 8 |   | 9.1, 9.3 |  |   |
| Week 14 |   |   |   |   |   |   |   |
| 11/16 - 11/22 |   |   | 7.6, 8.6, Review for Exam 3 |  | ***Exam 3*** ***(Ch. 7-9)*** |  |   |
| 11/23 - 11/29 | Thanksgiving/Fall Break - No class |
| Week 15 | Dead Week |
| 11/30 - 12/6 |   |   | Review for Final Make-up exams |   | Review for Final Make-up exams |   | **Common Final Exam for MTH 099** |