

MTH 098 Syllabus: Mathematics Skills I – Spring 2014

MTH 098-203

CRN: 4771 TR 8:00 – 9:15

SH 516

Instructor: Mary Crytzer
Email: MUOnline mail tool
Phone: (304) 696-7245

Office: SH 314
Office Hours: TR 9:30-10:45, 12:30-1:45

Prerequisites: ACT below 17 OR SAT equivalent.

Course Description: This course prepares students with low placement scores for the second level of the Mathematics skills sequence.

Note: This is a 3 or 4 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.

Learning Objectives: Students shall be able to:

- demonstrate the ability to manipulate real numbers, including whole numbers, integers, decimals, and fractions, utilizing proper order of operations and basic arithmetic;
- employ appropriate mathematical properties to develop an understanding of algebraic expressions, linear equations, and basic exponent properties;
- illustrate an understanding of rewriting algebraic expressions as a product of factors, with an understanding of greatest common factors and least common multiples;
- record relationships between quantitative data, utilizing basic mathematical language to read graphs and compute meaningful statistics for interpretation, while developing an understanding of units of measurement;
- begin to assimilate information, individually or in a group, from a variety of sources to formulate successful study skills and problem solving strategies.

Required Materials:

TEXTBOOK COMPONENT:

- **Prealgebra 2nd Edition**, Department of Mathematics, College of the Redwoods. (Available online)

MyOpenMath: MyOpenMath is the online homework tool that will be used in this course. Access to MyOpenMath is free, but students will need to register with the instructor (either in class or during office hours). Students are required to have access to a computer outside of class.

CALCULATOR: 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.

Course Policies:

ATTENDANCE: 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. Any unexcused absence on the day of an exam will result in a score of zero. Only an excused absence will warrant a make-up exam to be scheduled during Dead Week.

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 MyOpenMath to meet the requirements of the course.

CLASSROOM ETIQUETTE: 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. Students should be aware of how their actions and words in class affect the other students in class and remember to be respectful to all.

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. Please go to: <http://www.marshall.edu/math/tutoringlab.asp> for more information.

UNIVERSITY POLICIES: By enrolling in this course, students 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 Policies include: 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

FINAL EXAM: The MTH 098 Common Final Exam will be held on **Saturday, May 3rd at 2:00 p.m.** The instructor will announce the location.

GRADE CALCULATION: 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	Points
In-Class Exams	30%	300 pts.
Comprehensive Final Exam	30%	300 pts.
Online Homework Tool	25%	250 pts.
Miscellaneous	15%	150 pts.
Total:	100%	1000 pts.

Credit: 75% or higher overall
No Credit: Less than 75% overall

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

Important Dates:

1/20/14	Martin Luther King, Jr. Day – University Closed
3/10/14	Freshman Midterm D and F Grades Due
3/14/14	Pi Day!
3/15/14 – 3/22/14	Spring Break – No Classes
3/28/14	Last Day to Drop a Full Semester Course
5/3/14	MTH 098 Common Final Exam (2:00 p.m.)