Marshall University Course Syllabus

Course Title/Number	**Mathematics Skills I / MTH 098 – 205 CRN 4063**
Semester/Year	Spring 2015
Days/Time	MWF 12:00-12:50
Location	Smith Hall 516
Instructor	Mindy Bierhals
Office	Smith Music 115
Phone	304-696-3986
E-Mail	bierhals@marshall.edu
Office Hours Tutoring Hours	Office Hours: Friday 10:30-11:30 A.M. Tutoring Hours: Tuesday: 10-12:30 P.M, 1-3:30 P.M Thursday: 9-10 A.M, 11 A.M – 3 P.M
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

This course prepares students with low placement scores for the second level of the mathematics skills sequence.

Prerequisite: Math ACT < 17

Note: This is a 3 hour course that satisfies prerequisites and counts towards full time enrollment status, but this course does not count toward graduation or GPA. A grade of **Credit** or **No Credit** will be assigned.

Learning Objectives

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 demonstrate the ability to manipulate real numbers, including whole numbers, integers, decimals, and fractions, utilizing proper order of operations and basic arithmetic;	Connect Math Online Homework Quizzes	Exams
Students will employ appropriate mathematical properties to develop an	Connect Math Online Homework	Exams

understanding of algebraic expressions, linear equations, and basic exponent properties;	Quizzes	
Students will illustrate an understanding of rewriting algebraic expressions as a product of factors, with an understanding of greatest common factors and least common multiples;	Connect Math Online Homework Quizzes	Exams
Students will 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;	Connect Math Online Homework Quizzes	Exams
Students will begin to assimilate information, individually or in a group, from a variety of sources to formulate successful study skills and problem solving strategies.	Connect Math Online Homework Quizzes	Exams

Required Texts, Additional Reading, and Other Materials

1. *Prealgebra,* 1st Edition, by Miller, O'Neil, and Hyde, 2011. ISBN: 9781259142741   **Required**.
2. **CONNECT MATH Access Code**: ISBN: 9780077543662 **Required**.
3. **Connect Math Course Code:** CWXMU-FNQ4R **Required.**
4. **Temporary Access Code: FB1D9-1155A-5C7A4-95820** (works for two weeks)

CONNECT MATH: Connect Math is the online homework tool for this course. Access must be purchased to meet the requirements for the Connect Math portion of the course. Students are required to have access to a computer outside of class.

Course Requirements

1. 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 Math to meet the requirements of the course.
2. **All students are required to take the comprehensive final exam in order to pass the course.**

Tutoring Facilities

Marshall University provides multiple options for **free** on-campus tutoring. The Mathematics Department tutoring lab is located in 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. For additional information, please see *http://www.marshall.edu/math/tutoringlab.asp*

In-Class Exam Dates

- Exam 1: 2/6/15
- Exam 2: 3/9/15
- Exam 3: 4/15/15

Final Exam

The MTH 098 Common Final Exam will be held on **Saturday, May 2 at 2:00 p.m.** The location will be announced before the exam date.

Grading Policy

The course grade is determined 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	20%	200 pts.
Other Assessments (quizzes, written homework, attendance, etc.)	15%	150 pts.
Attendance	5%	50 pts
Overall	**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 receive credit for the course.

Homework

All homework assigned during a given week will be due at the beginning of the next week on Sunday by midnight.

If needed, homework extensions will only be given to those with a valid excused absence.

Attendance Policy

Attendance is necessary for the successful completion of this course. Each student is expected to arrive on time each day, and to be prepared for class. Attendance is factored into the final grade.

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.

All students with excused absences are **responsible** for finding out what they missed in class the day of their absence, and any work missed that day is **required** to be made up.

> *If you know that you are going to be absent please let the instructor know ahead of time. This will allow for makeup work to be given prior to your absence.*

Make-up Exam Policy

If a student is absent on the day of an exam and has an official excuse from the Office of Student Affairs, then they will be able to make-up the exam.

Once a student returns to class, they have one week to make-up the missed exam. If the exam is not taken during this one week time period, then the exam will result in a score of zero.

Calculator Policy

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.**
*Calculators may not be used on any quizzes or tests except for the final.

Electronics in Class

Electronic note-taking devices are permitted.

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.

This Syllabus is subject to change throughout the semester.

Course Schedule

MTH 098 Weekly Schedule (subject to change) - MWF Class Spring 2015							
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Week 1							
1/11-1/17		Syllabus Review 1.1		1.2,1.3,1.4		1.5,1.6,1.7,1.8	
Week 2							
1/18-1/24	Week 1 Homework Due by Midnight	Martin Luther King Jr. Holiday University Closed		2.1, 2.2, 2.3		2.4, 2.5	
Week 3							
1/25-1/31	Week 2 Homework Due by Midnight	3.1 Expr vs. Eqn		3.2, 3.3		3.4	
Week 4							
2/1-2/7	Week 3 Homework Due by Midnight	3.5		Review for Test 1		*Test 1 (Ch. 1-3)*	
Week 5							
2/8-2/14	Week 4 Homework Due by Midnight	4.1, 4.2		4.3		4.4, 4.5	
Week 6							
2/15-2/21	Week 5 Homework Due by Midnight	4.5, 4.7		4.8		Review Ch. 4	
Week 7							
2/22-2/28	Week 6 Homework Due by Midnight	5.1, 5.2		5.3, 5.4, 5.5		5.6, 5.7	
Week 8							
3/1-3/7	Week 7 Homework Due by Midnight	6.1, 6.2		6.3, 6.4		Review for Test 2	
Week 9							
3/8-3/14	Week 8 Homework Due by Midnight	*Test 2 (Ch. 4-6)*		7.1, 7.2		7.2, 7.3	
Week 10							
3/15-3/21	Week 9 Homework Due by Midnight	Spring Break					
Week 11							
3/22-3/28	NO HOMEWORK DUE	Review 7.1-7.3		7.4		7.5, 8.1	
Week 12							
3/29-4/4	Week 11 Homework Due by Midnight	8.2, 8.3		*8.6*		8.7, 9.1	
Week 13							
4/5-4/11	Week 12 Homework Due by Midnight	9.2		9.3, 9.4		9.5, 9.6	
Week 14							
4/12-4/18	Week 13 Homework Due by Midnight	Review for Test 3		**Test 3 (Ch. 7-9)**		10.1, 10.2	
Week 15							
4/19-4/25	Week 14 Homework Due by Midnight	10.2, 10.3		10.4, 10.5		10.5, 10.6	
Week 16	**Dead Week**						
4/26-5/2	Week 15 Homework Due by Midnight	Ch. 10 Review		Review for Final Make-up exams		Review for Final Make-up exams	**Common Final Exam for MTH 098**
Week 17							
5/3-5/9		FINAL EXAMS					