

SYLLABUS

Mathematics Skills I by JiYoon Jung MTH 098 - Section 205 - CRN 4770 - Credits 3

Spring 2014

Professor: JiYoon Jung

Email: MUOnline/Blackboard

Office: Smith Hall 742D (Phone: 304-696-3285)

Office Hours: MW 2:00 pm - 4:00 pm (Smith Hall 742D) or by appointment.

Class: TR 5:00 pm - 6:15 pm (Smith Hall 509)

Course Description: This course prepares students with low placement scores for the second level of the mathematics skills sequence. This is a 3 hour course and will count toward full time status, but does not count toward graduation or GPA. A grade of **Credit** or **No Credit** will be assigned.

Prerequisites: ACT Math 16 or ACT Math 15 or ACT Math 14 or ACT Math 13 or ACT Math 12 or SAT Mathematics 250 or Placement Math 098

Objectives of Course: Students shall be able to:

1. demonstrate the ability to manipulate real numbers, including whole numbers, integers, decimals, and fractions, utilizing proper order of operations and basic arithmetic; 2. employ appropriate mathematical properties to develop an understanding of algebraic expressions, linear equations, and basic exponent properties; 3. illustrate an understanding of rewriting algebraic expressions as a product of factors, with an understanding of greatest common factors and least common multiples; 4. 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; 5. begin to assimilate information, individually or in a group, from a variety of sources to formulate successful study skills and problem solving strategies.

Text: 1. Prealgebra 1st Edition 2011 by Miller, O'Neil, Hyde. (ISBN: 9781259142734)
2. CONNECT MATH Access Code (ISBN: 9780077543709) 3. Each item may be purchased separately or both may be purchased under the following (ISBN: 9781259142741)

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.

Calculator Requirement: 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.

Blackboard: Announcements, assignments, review sheets, grades, etc. will be posted on Blackboard. You are responsible for checking Blackboard regularly.

Attendance, Homework, and Quiz Policy:

1. Attendance will be taken every class. 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. Any unexcused absence on the day of an exam will result in a score of zero.

2. Homework will be done on-line using Connect. Students will need to work at least 3 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. Quizzes will be given daily. Any unexcused absence on the day of a quiz will result in a score of zero.

Make-up test Policy: There is no make-up quiz without a valid excuse. There is no make-up exam unless the absence is excused. Valid excuses are: illness verified by a physician; death in your immediate family (notification from the associate dean of the students college required); religious holidays (advanced notification from the Dean of Student Affairs); and university approved travel. Most other excuses will only be excused with extensive documentation.

There are good places when you do your homework or prepare for exams.

- The Math FREE Tutoring Lab (Smith Music Hall 115): No appointment is necessary.
- My office (Smith Hall 742D): You are very welcome!

Academic Honesty: Cheating or plagiarism is a serious offense and will not be tolerated. It will be thoroughly investigated, and might lead to failure in the course or even to expulsion from the university. See http://www.marshall.edu/academic-affairs/?page_id=802 If you are late to class, if you leave class early, if you are disruptive, if you are sleeping, read-

ing the newspaper, working on other homework, surfing the internet or for any other reason are not actively engaged in activities related to math class, you will not receive credit for participating in class that day. I expect that you will not only attend class, but that you will participate in class. If you do not respect yourself, other students, or the instructor during class, you may be asked to leave class.

Exam Schedules: There will be eight exams during the semester including the final exam. Students are required to take the comprehensive final exam in order to pass the course. Topics may possibly differ from what is indicated below. Come to class regularly and you won't be lost.

- Exam 1: 5:00 pm - 5:50 pm, Tuesday Jan 28; (Sections: 1.2–1.8)
- Exam 2: 5:00 pm - 5:50 pm, Tuesday Feb 11; (Sections: 2.1–2.5, 3.1–3.5)
- Exam 3: 5:00 pm - 5:50 pm, Tuesday Feb 25; (Sections: 4.1–4.8)
- Exam 4: 5:00 pm - 5:50 pm, Tuesday Mar 11; (Sections: 5.1–5.7)
- Exam 5: 5:00 pm - 5:50 pm, Tuesday Apr 1; (Sections: 6.1–6.4, 7.1–7.4)
- Exam 6: 5:00 pm - 5:50 pm, Tuesday Apr 15; (Sections: 8.1–8.3, 8.5–8.7, 9.1–9.3)
- Exam 7: 5:00 pm - 5:50 pm, Tuesday Apr 29; (Sections: 9.4–9.6, 10.1–10.6)
- Final Exam: Saturday May 3; (Comprehensive).

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

Grading Policy: You will be able to obtain a maximum of 1000 points in this class:

- Seven Exams: 350 points (50 points each)
- Final Exam: 300 points
- Online Homework Tool: 200 points
- Participation and Quizzes: 150 points

PASS: 75% or higher overall

FAIL: 74.99% or lower overall

Important Dates:

- January 20, Monday: Martin Luther King, Jr. Holiday - no classes
- March 10, Monday: Deadline for Submitting Freshmen Mid-Term Grades
- March 16 - 23, Sunday - Sunday: Spring Break - no classes
- March 28, Friday: Last Day to Drop a Full Semester Individual Course
- April 8, Tuesday: Assessment Day
- May 2, Friday: Last Class Day and Last Day to Completely Withdraw for Fall Semester
- May 3rd, Saturday: MTH 099 Common Final Exam Day