**MTH 098 Syllabus:** Mathematics Skills I – **Fall 2014**

**MTH 098-104** CRN: 3146MWF 10-10:50 am SH 514

**MTH 098-109** CRN: 3151MW 5-6:15 pm SH 511

**Instructor: Devon Tivener Wright Office: SH 315**

**Email: tivener1@marshall.edu Office Hours: MWF 1-1:50 pm**

**Phone: (304)696-4333 MW 3-4:50 pm**

**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 COMPONENTS:**

* **Prealgebra 1st Edition. 2011.** **Miller, O’Neil, Hyde**.

**ONLINE COMPONENT:**

* **CONNECT MATH Access Code**

Each item may be purchased separately.

**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:** 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: 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 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 Connect 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.

**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.

#### 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, December 6th 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. |  | **Credit:** | 75% or higher overall |
| Online Homework Tool | 20% | 200pts. |  | **No Credit:** | Less than 75% overall |
| Miscellaneous\*\* | 20% | 200pts. |  |  |  |
| **Total:** | **100%** | **1000 pts.** |  |  |  |

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

**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 – 11/29/14 **Thanksgiving/Fall Break – No Classes**

12/1/14 – 12/6/14 **Dead Week**

12/6/14 **MTH 098 Common Final Exam Day (2:00 p.m.)**

\*\* Miscellaneous category includes Attendance (10%) and In-Class work, such as worksheets, group work, and chapter quizzes.