Spring Semester of the 2013-2014 School Year

**INSTRUCTOR:** Dr. Matthew Carlton Office: Smith Hall 722

**OFFICE HOURS:** M-W-F 11:30 a.m. – 12:00 p.m.

 T- TR 12:15 p.m. – 2:00 p.m.

**PRIMARY EMAIL:** carlton@marshall.edu

**SECTIONS:**

**MTH 121, Section 205, CRN 4269 - MWF 12:00 - 12:50 - SH 518**

**MTH 121, Section 206, CRN 4268 - MWF 1:00 - 1:50 - SH 518**

**MTH 121, Section 210, CRN 4264 - TR 9:30 - 10:45 - SH 516**

**MTH 121, Section 211, CRN 4263 - TR 12:00 - 1:45 - SH 516**

**BOOK REQUIRED**: Using and Understanding Mathematics – Fifth Edition

 Authors: Jeffrey Bennet and William Briggs

**GRADING SCALE:** 90-100 **A**; 80-89 **B**; 70-79 **C**; 60-69 **D**; 0-59 **F**.

 There are three in-class tests for this class.

 The first test will cover Sections 1A, 1B, 1C, and 1D. This exam will be given when we have completed these sections. There is no official date. You will know well in advance of any test. If you miss test 1 for any reason, your final will count as double.

 The second test will cover Sections 2A, 2B, 3A, 3B, and 3D. The test will take place after we have completed these sections. You will know well in advance of any test. There is no date scheduled. If you miss exam 2 for any reason, the final will count as double. If you miss both test 1 and test 2 or if you miss the final, you will receive an F for the class.

 The final test will cover Sections 4A, 4B, 4C, 4D, 4E, and 4F. The final will be given as scheduled by the Marshall University schedule; you will know when this is well in advance.

 TEST FORMAT: There will be exactly 10 multiple choice questions on each test. Each test question is worth 8 points. All tests are open book and open notes. You may use a calculator, but it must be just a calculator, not a phone or anything else.

**ATTENDANCE POLICY:**

Roll will be taken at the beginning of each class. If you are here before roll call has been completed, you receive a check. **If you are absent or enter class after roll has been taken, you do not receive a check.** If you are in the M/W/F class, one point, or if you are in the T/Th class, one and one half points will be added to the average of the 3 test scores you have for each check you have. This will result in your final numerical grade for the course. Excused absences or not, there is no way to make up missing a class lecture.

 **This course is classified as a “Critical Thinking” course. As such, the objectives for this course are as follows:**

1. Learn WHY things work in addition to how things work.
2. Learn HOW to communicate your results effectively to an audience.
3. AFTER obtaining an answer, EXPLAIN what it means.

 We are using the handout problems as a vehicle to achieve these objectives. You have not achieved these objectives by merely getting the answers to the handout problems and the test problems. The objectives can only be achieved by attending the class and participating in the class. This course begins after you have the answers to the problems.

 This class is one of the most useful classes you will ever take in regard to your life after college. If you plan on buying a car, a house, having a retirement fund, or using money for anything, this class will help you learn what it takes to make those things happen. You will get out of this class what you put into it. This is NOT your average math class.

 There will be no in-class calculator instruction. See me in my office for help or the tutors that are available in Smith Hall 115 for help. If all else fails, read the instructions that came with your calculator.

 All special accommodations students: Have someone from your program pick up the test at the classroom door at the beginning of the test period. Make sure they get a copy of these directions.

 University policy for students with disabilities: It is the responsibility of students with disabilities to contact the office of Disabled Student Services in Prichard Hall 117 or call phone 304-697-2271 to provide documentation of their disability. For more information, visit <http://www.marshall.edu/disabled>.

 **RULE NUMBER 1: NO TEXTING IN CLASS**

 **RULE NUMBER 2: DO NOT STOP LISTENING UNTIL I STOP TALKING**

 **WHAT YOU GET FROM ME IF YOU ATTEND CLASS, OR IN OTHER WORDS, WHAT YOU DO NOT GET FROM ME IF YOU MISS CLASS:**

1. An interpretation of the book and handout problems.
2. How to read more carefully.
3. How to think more critically.
4. How to express yourself more clearly.
5. An addressing of the ambiguities in the book and handout problems.
6. An addressing of the mistakes in the book and handout problems. There are not many, but some are serious.
7. How to work most of the problems.
8. Why I am working them the way that I do.
9. An explanation of what the answers mean.
10. Uses for this course in your personal life.
11. Since I worked for 38 years in the business world, an explanation in the macro sense, not the micro sense, of how some of this material is used outside the university.
12. A discussion of current events that pertain to the material in class.
13. A discussion of past events that pertain to the material in class.