Course Syllabus: MA104—Winter 2014

Class Time: 6:00 – 7:40 p.m. Tuesdays & Thursdays
Location: WS 3803

Instructor: Steven Annelin
Office: NSF 1111
Phone: 227-1595
e-mail: sannelin@nmu.edu
Office Hours: Tuesday & Thursday 5:15-6:00 or by appointment

Objectives: The objectives of this course are aimed at extending the students’ knowledge and abilities with the applications and manipulations of algebra concepts & trigonometric concepts. Upon completion of this course, the student should be able to:

- Successfully manipulate and work with each of the families of functions: linear, quadratic, polynomial, rational, exponential, and logarithmic. Assessments: Tests
- Successfully solve equations related to each family of functions. Assessments: Tests
- Successfully set up and solve application problems related to all types of the problems listed above. Assessments: Tests

This course satisfies the Foundation of Natural Sciences/Mathematics requirement. Students who complete this course should be able to demonstrate a basic understanding of mathematical logic; use mathematics to solve scientific or mathematical problems in college classes; express relationships in the symbolic language of mathematics; and appreciate the role of mathematics in analyzing natural phenomena.

Class Requirements:

- Attendance—A critical component to success in this course. You will receive an attendance score (as a test grade), based on the percent of time you are in class. In case of an illness, e-mail me for missed work or check Educat. I typically post assignments on EduCat so you can view them at your convenience. You need to notify me in advance if you are going to miss a quiz or test. Without notification there will not be an opportunity to make up those assessments.

- Homework—Another critical component to success in a math course. I will assign homework problems from each section we cover so that you can practice the skills learned in class. Occasionally, I will collect homework and it will count worth 10% of your overall grade. Practice the habit of showing all of the work for problems as it will lead to the correct solutions when you take quizzes and tests. Try to avoid calculator dependency for simple computations.
• Grades—Your final grade will be calculated from a combination of points earned on any collected homework assignments (10%), quizzes (15%), tests (50%), and a final exam (25%). There will probably be a test at the end of each covered chapter with at least 1 quiz during the chapter. Extra credit problems will only be given on quizzes and tests so please do not ask for any extra credit during the semester to “improve” your grade. If your attendance grade is over 80% it may be substituted for a lower test grade.

**Required Materials:**

- Scientific or Graphing Calculator (TI-84+ preferably)

**Grading Scale:**

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<tr>
<th>Percentage Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90% - 100%</td>
<td>A’s</td>
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<tr>
<td>80%-89.5%</td>
<td>B’s</td>
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<tr>
<td>70%-79.5%</td>
<td>C’s</td>
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<tr>
<td>60%-69.5%</td>
<td>D’s</td>
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<tr>
<td>Below 60%</td>
<td>F</td>
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**DISABILITY SERVICES**

If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Dean of Students Office at 2001 C. B. Hedgcock Building (227-1700). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.