**Bronx Community College**
**of the City University of New York**
**Department of Mathematics and Computer Science**

**Math 30:** *Precalculus*   **Semester:** *Spring 2016*
**Professor:** *Anthony Weaver*   **Office:** *CPH 318*   **Hours:** *M/W 1-2 pm*   **Email**: *anthony.weaver@bcc.cuny.edu*
**Text:** *Precalculus Essentials, 4th ed.*, Robert E. Blitzer
        Pearson, ISBN: 978-0-321-72956-0

| Date | Text Section(s) and Topic(s) | WeBWork* due dates |
|------|------------------------------|--------------------|
| **Feb.** | | |
| M1 | 1.2 Functions and Graphs | |
| W3 | 1.3 Functions and Graphs, cont. | |
| M8 | 1.6 Transformations of Functions | HW1 due |
| W10 | 1.7 Combinations and Composition of Functions | HW2 due |
| W17 | 1.8 Inverse Functions | HW3 due |
| M22 | 2.2 Quadratic Functions | HW4 due |
| W24 | 2.3 Polynomial Functions and their Graphs | |
| M29 | 2.4 Dividing Polynomials; Remainder and Factor Theorems | HW5 due |
| | | |
| **Mar.** | | |
| W2 | 2.5 Zeroes of Polynomial Functions | |
| M7 | (Review for Test I ) | HW6 due |
| W9 | **Test I** | |
| M14 | 2.6 Rational Functions and their Graphs | |
| W16 | 2.7 Polynomial and Rational Inequalities | |
| M21 | 3.1 Exponential Functions | HW7 due |
| M28 | 3.2 Logarithmic Functions | |
| W30 | 3.3 Properties of Logarithms | HW8 due |
| | | |
| **Apr.** | | |
| M4 | 3.4 Exponential and Logarithmic Equations | HW9 due |
| W6 | 4.1 Angles and Radian Measure | |
| M11 | 4.2 Trigonometric Functions: the Unit Circle | HW10 due |
| W13 | 4.3 Right Triangle Trigonometry | |
| M18 | (Review for Test II) | HW11 due |
| W20 | **Test II** | |
| | | |
| **May** | | |
| M2 | 4.4 Trigonometric Functions of Any Angle | |
| W4 | 4.5 Graphs of Sine and Cosine Functions | |
| M9 | 4.7 Inverse Trigonometric Functions | HW12 due |
| W11 | 5.1, 5.2 Fundamental Identities, Sum Formulas | |
| M16 | 5.5 Trigonometric Equations | |
| W18 | (Review for Final Exam) | HW13 due |
| ?? | **Final Exam** | |

**Grade Calculation**: Tests I, II = 33%, WeBWork = 34%, Final Exam = 33%.

* WeBWork is an online homework system, accessed at the web site:

`https://wwm01.bcc.cuny.edu/webwork2/MTH30_Spring2016_Weaver/`

Your user name and password are your last name + last 4 digits of SS# (no spaces, no capitalization).