# MA 110, Fall 2016

| | date | activity |
|---|---|---|
| **WEEK 1** | Wed, Aug 24 | §1.1 §1.1A The Real Number System & Decimal Representation |
| | | HW Get started |
| | Thu, Aug 25 | HW Pre-calculus readiness |
| | Fri, Aug 26 | §1.2 §1.2A Solving equations algebraically & Absolute values |
| | | HW01-Basics (H1.1) |
| **WEEK 2** | Mon, Aug 29 | §1.3 The coordinate plane |
| | | HW02-Solving Equations (H1.2) |
| | | Last day to add a calss |
| | Wed, Aug 31 | §1.4 Lines |
| | | HW03-The Coordinate Plane (H1.3) |
| | Thu, Sep 01 | Quiz 1 |
| | Fri, Sep 02 | §2.1, §2.2 Graphs & Solving equations graphically |
| | | HW 04 |
| **WEEK 3** | Mon, Sep 05 | LABOR DAY-NO CLASSES |
| | Wed, Sep 07 | §2.5 Linear models |
| | | HW05-Graphs & Solving Equations Graphically |
| | Fri, Sep 09 | §3.1 Functions |
| | | HW06-Linear Models (H2.5) |
| **WEEK 4** | Mon, Sep 12 | §3.2 Functional notation |
| | | HW07-Functions (H3.1) |
| | Wed, Sep 14 | §3.3 Graphs of functions |
| | | HW08-Functional Notation (H3.2) |
| | | Last day to drop a class |
| | Thu, Sep 15 | Quiz 2 |
| | Fri, Sep 16 | §3.4 Graphs and transformations |
| | | HW09-Graphs of Functions & Parametric Graphing |
| **WEEK 5** | Mon, Sep 19 | Review for Exam 1 |
| | | HW10-Exam 1 Review |
| | Tue, Sep 20 | Exam 1, 7:30-9:30 pm |
| | Wed, Sep 21 | §3.5 Operations on functions |
| | | HW11-Graphs & Transformations (H3.4) |
| | Fri, Sep 23 | §3.7 Inverse functions |
| | | HW12-Operations on Functions (H3.5) |
| **WEEK 6** | Mon, Sep 26 | §4.1, §4.2 Polynomial functions |
| | | HW13-Inverse Functions (H3.7) |
| | Wed, Sep 28 | §4.4 Graphs of polynomial functions |
| | | HW14-Polynomial Functions (H4.1&2) |
| | Thu, Sep 29 | Quiz 3 |
| | Fri, Sep 30 | §4.5 Rational functions |
| | | HW15-Polynomial Graphs & Models (H4.4&4A) |
| **WEEK 7** | Mon, Oct 03 | §4.6 Polynomial and rational inequalities |
| | | HW16-Rational Functions (H4.5) |
| | Wed, Oct 05 | §4.7 Complex numbers |
| | | HW17-Polynomial & Rational Inequalities (H4.6) |
| | Fri, Oct 07 | §4.8 Radicals and rational exponents |
| | | HW18-Complex Numbers (H4.7) |
| **WEEK 8** | Mon, Oct 10 | §5.2 Exponential functions |
| | | HW19-Radicals & Rational Exponents (H5.1) |
| | Wed, Oct 12 | §5.3 Logarithms |
| | | HW20-Exponential Functions (H5.2) |
| | Thu, Oct 13 | Quiz 4 |
| | Fri, Oct 14 | §5.4 Properties of logarithms |
| | | HW21-Logarithms (H5.3) |
| | Mon, Oct 17 | Review for Exam 2 |

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| **WEEK 9** | | HW22-Exam 2 Review |
| | Tue, Oct 18 | Exam 2, 7:30-9:30 pm |
| | Wed, Oct 19 | §5.5 Algebraic solutions of exponential and logarithmic equations |
| | | HW23-Properties of Logarithms (H5.4) |
| | Fri, Oct 21 | §5.6 Exponential, logarithmic & other models |
| | | HW24-Algebraic Solutions of Logs & Exponentials |
| | | Midterm Grades |
| **WEEK 10** | Mon, Oct 24 | §6.1, §6.1A Angles and their measurment & Arc length and angles |
| | | HW25-Exponential & Log Models (H5.6) |
| | Wed, Oct 26 | §6.2 Sin, Cos, Tan |
| | | HW26-Angles, Measurement, Arc Length (H6.1) |
| | Thu, Oct 27 | Quiz 5 |
| | Fri, Oct 28 | §6.4 Basic graphs |
| | | HW27-Sin, Cos, Tan (H6.2) |
| **WEEK 11** | Mon, Oct 31 | §6.5 Periodic graphs |
| | | HW28-Basic Graphs (H6.4) |
| | Wed, Nov 02 | §6.5 Other trigonometric functions |
| | | HW29-Periodic Graphs (H6.5) |
| | Fri, Nov 04 | §7.1 Basic identities |
| | | HW30-Other Trigonometric Functions (H6.6) |
| | | Last day to withdraw |
| **WEEK 12** | Mon, Nov 07 | §7.2 Addition and subtraction |
| | | HW31-Basic Identities (H7.1) |
| | Tue, Nov 08 | ELECTION DAY-NO CLASSES |
| | Wed, Nov 09 | §7.3 Double angle formulas |
| | | HW32-Addition & Subtraction Identities (H7.2) |
| | Thu, Nov 10 | Quiz 6 |
| | Fri, Nov 11 | §7.4 Inverse trig functions |
| | | HW33-Double Angle Formulas (H7.3) |
| **WEEK 13** | Mon, Nov 14 | Review for Exam 3 |
| | | HW34-Exam 3 Review |
| | Tue, Nov 15 | Exam 3, 7:30-9:30 pm |
| | Wed, Nov 16 | §7.5 Trigonometric equations |
| | | HW35-Inverse Trig Functions (H7.4) |
| | Fri, Nov 18 | §8.3 Law of cosines |
| | | HW36-Trigonometric Equations (H7.5) |
| **WEEK 14** | Mon, Nov 21 | §8.4, §8.4A Law of sines & Area of triangles |
| | | HW37-Law of Cosines (H8.3) |
| | Wed, Nov 23 | NO CLASSES-THANKSGIVING |
| | Fri, Nov 25 | NO CLASSES-THANKSGIVING |
| **WEEK 15** | Mon, Nov 28 | §10.1 Circles and ellipses |
| | | HW38-Law of Sines & Area of Triangles (H8.4&4A) |
| | Wed, Nov 30 | §10.3 Parabolas |
| | | HW39-Circles and ellipses (H10.1) |
| | Thu, Dec 01 | Quiz 7 |
| | Fri, Dec 02 | §10.5 Plane curves and parametric equations |
| | | HW40-Parabolas (H10.3) |
| **WEEK 16** | Mon, Dec 05 | Review |
| | | HW41-Plane Curves and Parametric Equations (H10.5) |
| | Wed, Dec 07 | Review |
| | | Hw 42-Review |
| | Fri, Dec 09 | Review |
| | Mon, Dec 12 | Final exam, 6:00-8:00 pm |