**MATH 0310 Tentative Calendar**

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| **Date** | **Section** | **Topic** |
| Week 1 | 3.13.2 | SyllabusLinear Inequalities in One VariableCompound Inequalities in One Variable |
| Week 2 | 3.34.14.2 | Absolute Value Equations and InequalitiesIntroduction to Linear Equations in Two VariablesSlope of a Line and Slope-Intercept Form |
| Week 3 | 4.34.4 | Writing an Equation of a LineLinear and Compound Linear Inequalities in Two Variables |
| Week 4 | 4.5 | Introduction to Functions**Test 1 (Sections 3.1-3.3, 4.1-4.5)** |
| Week 5 | 7.17.27.3 | The Greatest Common Factor and Factoring by GroupingFactoring TrinomialsSpecial Factoring Techniques |
| Week 6 | 7.47.58.1 | Solving Quadratic Equations by FactoringApplication of Quadratic EquationsSimplifying, Multiplying, and Dividing Rational Expressions and Functions |
| Week 7 | 8.28.3 | Adding and Subtracting Rational Expressions Simplifying Complex Fractions |
| Week 8 | 8.48.5 | Solving Rational EquationsApplications of Rational Equations |
| Week 9 | 9.19.2 | **Test 2 (Sections 7.1-7.5, 8.1-8.5)**Radical Expressions and FunctionsRational Exponents |
| Week 10 | 9.39.4 | Simplifying Expressions Containing Square RootsSimplifying Expressions Containing Higher Roots |
| Week 11 | 9.59.6 | Adding, Subtracting, and Multiplying RadicalsDividing Radicals |
| Week 12 | 9.79.8 | Solving Radical EquationsComplex Numbers**Test 3 (Sections 9.1-9.7)** |
| Week 13 | 10.110.210.3 | The Square Root Property and Completing the SquareThe Quadratic FormulaEquations in Quadratic Form |
| Week 14 | 10.410.510.6 | Formulas and ApplicationsQuadratic Functions and their GraphsApplication of Quadratic Functions and Graphing Other Parabolas (*optional - time permitting)* |
| Week 15 |  | **Test 4 (Sections 9.8, 10.1-10.6)**Review – Final Exam |