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| Lesson Plans for Algebra II |
| **Week Beginning:****Oct. 29** | **Quarter: 2** | **Periods: 2, 3, 8** |
| **Topic** | **Strategies** | **Time** | **Assessments** | **Standards/Benchmarks** |
| **Monday** | Multiplying Polynomials/ Simplifying Square Roots | Discussion/ Lecture/ Active Learning | 20-25 | Worksheet | 9-12.A.1.0 |
| Perfect squares/cubes |  |  | Worksheet  |  |
| **Tuesday** | Factoring 1 | Discussion/ Lecture/ Active Learning | 20-25 | Worksheet | 9-12.A.1.0Indicator 2 – Algebra standards |
|  |  |  |  |  |
| **Wednesday** | Work on Factoring 1 |  |  |  |  |
|  |  |  |  |  |
| **Thursday** | Factoring 2 | Discussion/ Lecture/ Active Learning | 20-25 | Worksheet | 9-12.A.1.0Indicator 2 – Algebra standards |
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| **Friday** | Work on Factoring 2 |  |  |  |  |
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| Lesson Plans for Pre-Calculus |
| **Week Beginning:****Oct. 29** | **Quarter: 2** | **Periods: 6, 7** |
| **Topic** | **Strategies** | **Time** | **Assessments** | **Standards/Benchmarks** |
| **Monday** | Finish 5.5 Solving Right Triangles | Discussion/ Lecture/ Active Learning | 10-15 | p. 309-31215-20, 28-31, 35-40, 44, 46-47, 49, 60 | 9-12.A.4.5A9-12.G.1.2A |
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| **Tuesday** | 5.6 The Law of Sines | Discussion/ Lecture/ Active Learning | 25-30 | p. 316-31811-15, 19-22, 25-26, 28, 31-33, 42 | 9-12.A.4.5A9-12.M.1.2A |
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| **Wednesday** | Finish/work on 5.6 |  |  |  |  |
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| **Thursday** | 5.8 The Law of Cosines | Discussion/ Lecture/ Active Learning | 30-40 | p. 331-33211-15, 17, 19-20, 25-27, 29, 31-32, 38 | 9-12.A.4.5A9-12.M.1.2A |
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| **Friday** | Finish/work on 5.8 |  |  |  |  |
| Test Thursday |  |  |  |  |

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| Lesson Plans for Calculus |
| **Week Beginning:****Oct. 29** | **Quarter: 2** | **Period: 1** |
| **Topic** | **Strategies** | **Time** | **Assessments** | **Standards/Benchmarks** |
| **Monday** | Finish 2.3 Computation of Derivatives: The Power Rule | Discussion/ Lecture/ Active Learning | 10-15 | p. 177-1791-39 odd, 41-42, 59-62 | No state standards for Calculus |
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| **Tuesday** | 2.4 The Product and Quotient Rules | Discussion/ Lecture/ Active Learning | 25-30 | p. 186-1881-6, 7-15 odd, 27-32  |  |
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| **Wednesday** | Finish 2.4 |  |  |  |  |
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| **Thursday** | 2.5 The Chain Rule | Discussion/ Lecture/ Active Learning | 40-45 | p. 194-1951, 3, 5-6, 7-25 odd, 41-44 |  |
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| **Friday** | Finish 2.5 |  |  |  |  |
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