Portfolio Topics Spring 2016

• Polynomials

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- Characteristics
- Position, Velocity, Acceleration
- o Power Rule
- Tangent and Normal Lines
- Riemann Sum (area under curve)
- Rational Functions
 - o Domain
 - Transformations
 - Vertical, Horizontal Asymptotes, and Holes
 - o Limits
- Exponentials and Logarithms
 - o Graphing
 - \circ Solving
 - o Log Properties
- Trigonometry
 - SOH CAH TOA, Law of Sine, Law of Cosine
 - o Related Rates
 - Unit Circles
 - Identities with evaluating (from unit circle or construction)
 - Trig Functions (graphing)
 - Proving Trig Equations