Week 29 Pre-Calc Assignment:

Day 1: Chapter 10 test
Day 2: pp. 255-256 #1-22, 24-27, 30-42
Day 3: pp. 466-467 #1-16, 19-20, 23-30, 36
Day 4: pp. 691-692 #1-6, 8, 10-17, 19-27, 29, 30-35
Day 5: ACE practice tests (optional - address below), review ch. 10

Notes on Assignment:

Chapter 10 test:

For the test:

- Find the inclination of the line that passes through 2 given points.
- Find the angle between 2 lines.
- Find the distance between a given point and a given line.
- Find the vertex, focus, and directrix of a parabola.
- Find the equation of a parabola given the vertex and focus.
- Find the center, foci, vertices, and eccentricity of an ellipse.
- Find the equation of an ellipse given the vertices and eccentricity.
- Find the center, foci, asymptotes, and eccentricity of an hyperbola.
- Find the equation of the hyperbola given the vertices and foci.
- Rotate the axes to eliminate the xy-term in an equation of a conic section.
- Convert polar coordinates to rectangular coordinates.
- Convert rectangular coordinates to polar coordinates.
- Convert a rectangular equation to polar form.
- Convert a polar equation to rectangular form.
- Take 2 parametric equations and eliminate the parameter and write the corresponding rectangular equation.

The ACE practice tests can be found at:

http://college.hmco.com/mathematics/larson/precalculus/6e/students/ace.html