ED.810 (TEACHER PREPARATION)

ED.810.682. **Geometry for K-8 Lead Teachers. 3 Credits.**
This course will include the following topics: Geometric thinking, triangles and quadrilaterals, polygons, parallel lines and circles, dissections and proof, Pythagorean Theorem, symmetry, similarity, and solids. This course will model the process standards of problem solving, reasoning and proof, representations, connections, and communication, and will take a content-applications approach to each topic. (3 credits)

ED.810.683. **Measurement for K-8 Lead Teachers. 3 Credits.**
This course will include the following topics: Measurable properties, measurement fundamentals, metric system, indirect measurement and trigonometry, area, circles and pi, volume, and measurement relationships. This course will model the process standards of problem solving, reasoning and proof, representations, connections, and communication, and will take a content-applications approach to each topic. (3 credits)