Mastering KML
Course Syllabus

Module 1: Introduction to KML

- What is KML?
- Open, International Standard
    - OGC – Open GeoSpatial Consortium
- Why Use KML?
    - Data Easy to Distribute
    - Reach a Wide Audience
    - Widely Supported
        - ESRI ArcGIS Explorer, MS Virtual Earth, NASA WorldWind, Google Maps, AutoCAD, others
- Reading the Google Earth Object Model Diagram
- KML Authoring Environment

Module 2: Basic KML Elements

- Creating Basic Geographic Features (Placemarks, Paths, Polygons)
- Adding Info Balloons to a Placemark
    - Designing Effective Balloons
- Applying Styles to Feature Symbology
- Using Ground Overlays to Overlay Images on the Google Earth Terrain
- Using Screen Overlays for Legends, North Arrows, Titles, and other Reference Information
- Controlling the Google Earth Camera

Module 3: Advanced KML Elements

- Dynamic Data Feeds with Network Links
- Adding the 4th Dimension - Time Display of Geographic Features
- Using Regions to Effectively Display Large Datasets
- Custom Data

Module 4: Miscellaneous Topics

- KML Generation Tools
    - Arc2Earth
    - Regionator
    - libKML
- Packaging and Distributing KML
- Creating an XML Sitemap for Google Search