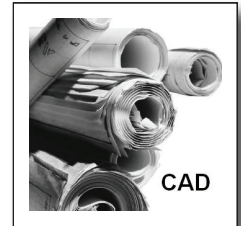


CAD 300: AutoCAD Map 3D with Raster Design for Underground and Surface Mine Mapping

This course will take the student through an underground mine mapping project using AutoCAD Map with Raster Design. The student will learn to scan maps, vectorize and clean the mapping data, associate other tabular data, and, finally, incorporate it into a GIS. *Course is certified for 21.5 Professional Development Hours.*

Duration: 3 days
Course Code: EUR



TOPICS COVERED

- ▼ Identify important steps to scanning mine maps and manipulating images
- ▼ Geo-reference imported mine maps and quality control
- ▼ Digitize and vectorize images
- ▼ Perform attribute data tagging
- ▼ Practice cleaning and building topology
- ▼ Verify feature mapping
- ▼ Practice exporting data to ESRI format
- ▼ Determine and discuss need for metadata

WHO SHOULD ATTEND: Regulatory or AML scientists with degrees in reclamation, geology, soil science, hydrology, civil or mining engineering, or related natural sciences.

COURSE PRE-REQUISITES: Prospective students should have a working knowledge of AutoCAD. The student will have a more meaningful training experience if they have taken CAD 200 or have a working knowledge of AutoCAD Map. Basic AutoCAD skills will not be covered in this course. **Class size limited to 12 -17 students, depending on location.**