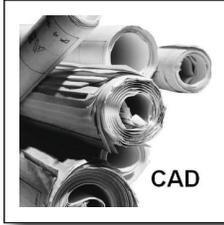




CAD 301: Carlson Mining Field, Hydrology, and Natural Regrade for Permitting and Reclamation



This course will teach practicing Carlson Mining users advanced topics that have not been covered in the introductory CAD 201: Carlson Mining Site Design for Permitting and Reclamation. Students will round out their skills and learn new tools and techniques that will increase their design quality, efficiency, and productivity. *Course is certified for 24 Professional Development Hours.*

Duration: 3 days

Course Code: EAS

TOPICS COVERED

- ▼ Overview of Modules
- ▼ Survey Module Review
- ▼ Survey Module and Field to Finish
- ▼ Field Module Configuration
- ▼ Alignment in the Field
- ▼ GIS Tools in Carlson
- ▼ Hydrology Module and Watershed Menu
- ▼ Runoff and Watershed Analysis
- ▼ Design of Hydrologic Structures
- ▼ Geomorphic Reclamation Principles
- ▼ Natural Regrade Module

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 attended CAD 201: Carlson Mining Site Design for Permitting and Reclamation or have a working knowledge of AutoCAD. Basic AutoCAD skills will not be covered in this course. **Class size is limited to 12-17 students, depending on location.**