**Rockpile Online Training Library Classes**

**TBC – Data Prep & 3D Modeling Track**

Course Content

TBC - Fundamentals

* **New User Development - Installation**
* **New User Development - General Overview**
* **New User Development - Layer and View Management**
* **New User Development - Intro to CAD Tools - Session 1**
* **New User Development - Intro to CAD Tools - Session 2**
* **New User Development - Importing and Organizing Data**
* **New User Development - Alignments**
* **New User Development - Intro to Surface Modeling**
* **New User Development - Project Templates**
* **New User Development - Introduction to Point Clouds**
* **New User Development - Introduction to Coordinate Systems**
* **New User Development - Printing, Exporting, and Field Data**

Site Data Prep

* **General - Working with PDFs and Images**
* **General - Working with CAD Data**
* **Site Data Prep - Commercial Site**
* **General - Data Prep Tools for Elevating Linework**
* **Site Data Prep - Line Optimization**
* **Site Data Prep - Introduction to Vertical Design**
* **Site Data Prep - Vertical Design for Parking Lots**
* **Site Data Prep - Vertical Design for Roads**
* **Site Data Prep - Parking Lot Modeling**
* **Site Strata and Boreholes**
* **Site / Corridor - Walls, Foundations, and Footings**
* **General - Side Slopes**

Corridor Data Prep

* **Corridors - Alignments**
* **Corridor Data Prep - Introduction to Corridors**
* **Corridor Data Prep - Building Basic Corridors**
* **Corridor Data Prep - Superelevations and Subgrades**
* **Corridor Data Prep - Working with Multiple Alignments**
* **Corridor Data Prep - Sideslopes and Reporting**
* **General - Composite Modeling**
* **Corridors - Tie Slopes and Slope Designer**
* **Corridor Data Prep - Condition Statement Basics**
* **Corridor Data Prep - Intersections and Roundabouts**
* **Corridor Data Prep - Ramps and Gore Areas**

Drafting, Plotting and Annotation

* **Drafting - Cad Drawing**
* **Drafting - Sheet Layout**
* **Drafting - Drafting and Annotation**
* **Temporary - Drafting and Plotting Masterclass (No Indexing)**

Supplemental Material

* **General - CAD Basics**
* **General - Surface Modeling Basics**
* **General - Subgrade Adjustments**
* **General - Cut Fill Maps for Sites and Roads**
* **Temporary - Underground Utilities Master Class (No Indexing)**
* **Corridors - Introduction to Vertical Design**
* **Corridors - Median Crossovers with Vertical Design**
* **Corridor Data Prep - Bridge Construction**

Tips and Tricks

* **Tips - Getting Better Data from AutoCAD**
* **Tips - Embankment Slope and Pad Modeling**