

AGTEK SEMINAR CLASS OUTLINE

All times in Pacific Time

Day 2: Operations

Block 1: 6:00 am to 10:00 am

CAD Models

Time	Item
6:00 AM	Welcome: Introduction, online resources, training videos, training guides and training files.
	Getting the most from your CAD files. Import mode tools.
6:30 AM	<ul style="list-style-type: none">• Function keys• Importing CAD files• Crop rectangle• Import Mode functions• Align PDF to verify CAD data
	Building GPS models from CAD
7:00 AM	<ul style="list-style-type: none">• Creating 3D data lines• Conforming function• Creating Perimeters• Checking for water flow• Adding break lines
8:00 AM	15 min Break
	Operations
8:15 AM	<ul style="list-style-type: none">• Exporting surface and linework to MC• Review model on field software• SmartDirt to check GPS model, calculate volumes, and document progress• SmartPlan. materials quantities• Progress GPS topo from .csv or text files• Progress Topos using Drones
9:30 AM	SmartTrack
10:00 AM	End of Block 1. Break from 10:00 pm to 11:00 am

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Day 2: Operations

Block 2: 11:00 am to 3:00 pm

Gradework Advanced tools and procedures

Time	Item
11:00 AM	Welcome
	Strata
11:15 AM	<ul style="list-style-type: none">• Entering Strata• Volume calculation with strata• Stripping with strata• Strata for Utilities• Advanced strata example
	Templates
12:00 PM	<ul style="list-style-type: none">• Curb & Gutter Templates• Roads Templates• Trench Templates• Over excavation templates for building pads• Over excavation templates for walls• Volume calculations with multiple surfaces
1:00 PM	15 min Break
	Useful tools
1:15 PM	<ul style="list-style-type: none">• Translating projects to correct coordinate system• Balancing sites• AutoPad• Staging of surfaces for temporary work• Lowest surface tool• Cut fill lines• Paint Brush to balance site• Plan & Profile• Creating cross sections of projects
3:00 PM	<ul style="list-style-type: none">• End of Block 2.