

AGTEK SEMINAR CLASS OUTLINE

All times in Pacific Time

Day 1: Preconstruction

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

Earthwork4D to Gradework Training

Time	Item
6:00 AM- 6:30 AM	Welcome: introduction, online resources, training videos, training guides and files.
	New Features Training:
6:30 AM- 8:00 AM	<ul style="list-style-type: none">• New features Gradework• Materials• Underground
8:00 AM- 8:15 AM	<ul style="list-style-type: none">• 15 min Break
	Integrated workflow:
8:15 AM- 10:00 AM	<ul style="list-style-type: none">• Materials first: erosion control, demolition, paving areas, concrete, curb & gutter• Creating materials reports• Materials/Gradework integration• Dirt takeoff• Introduction to Underground
10:00 AM	<ul style="list-style-type: none">• End of Block 1. Break 10:00 - 11:00 AM

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

Earthwork Takeoff

Time	Item
11:00 AM	Welcome
11:15 AM	Earthwork Takeoff: Following the Guide <ul style="list-style-type: none">• Import PDF, scale PDF, new job setup• Multiple PDF takeoff, vectorizing, transfer data
12:00 PM	<ul style="list-style-type: none">• Existing data lines, contours, spot elevations, sloping lines• Stripping Areas: demo, topsoil stripping, areas inside of areas• Checking 3D view for errors• Entering break lines, ridge, swales, existing roads• Design data lines, contours, pads, conforming sloping lines, entering high and low points• Running offsets for slabs• Running templates for curb and gutter• Creating break lines• Checking 3D view for errors, checking for water flow
1:00 PM	15 min Break
1:15 PM	<ul style="list-style-type: none">• Creating limits of construction• Adjusting Subgrade using sectional areas• Value Engineering: alternate bids• Breaking the quantities using report regions• Generating Reports: Excel reports, Cut/Fill maps, profiles.• Shrink and Swell• Utilities: storm, sewer, water.• Bid review with Google Earth• Exporting files for the field• SmartPlan Material and Underground
3:00 PM	<ul style="list-style-type: none">• End of Block 2.