



2022 Digital Construction Summer School

Welcome session

Day 1 | August 2, 2022

Steve Strickland

Technical Manager, Construction Education | Autodesk Education



About me



Steve Strickland

Technical Manager, Construction Education
Autodesk Education

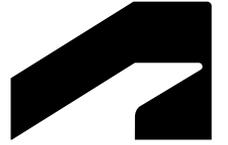
- Located near Detroit, Michigan
- Joined Autodesk Education in March 2020
- AEC industry experience includes BIM / VDC, project management, innovation, & owner's representation

Email | steve.strickland@autodesk.com

Presentation agenda

- Housekeeping Items
- Autodesk Construction Cloud for education
- Autodesk Construction Cloud learning content





Housekeeping items

Hopin platform

1



Reception



Stage



Sessions



People



Replay

AUTODESK
2022 Digital Construction Summer School

August 2 – 4, 2022
12:00 – 6:30 PM U.S. Eastern Time Daily

LIVE PRESENTATIONS | 12:00 – 2:00 PM

HANDS-ON TRAINING WORKSHOPS | 2:15 – 6:30 PM

2022 Autodesk Digital Construction Summer School
Hosted by Autodesk

Description Schedule Speakers

Description

Welcome to the 2022 Digital Construction Summer School! Jump to the **Stage** for our live presentations. Hands-On Training Workshops will take place in the **Sessions** area at their ...

Show More ↓

Schedule

August 02 (8) August 03 (8) August 04 (8) Search segments 🔍

12:00 PM - 12:15 PM Opening • ACC Learning Content Overview

Stage Welcome & Presentation

★ Recommended

Add to Calendar Steve Strickland Technical Manager, Construction Education, Autodesk John Herriage AEC Technical Marketing Manager, Autodesk Education

3

2

My Account

Event Dashboard

Edit profile

Get Support

Languages

Logout



Hopin Help Guide

- Recommended browser | Google Chrome

Program overview

DAY 1

Tuesday, August 2nd

DAY 2

Wednesday, August 3rd

DAY 3

Thursday, August 4th



Stage

Live Presentations 12:00 – 2:00 pm U.S. Eastern Time Daily

Welcome / Opening Remarks | Autodesk Education

Block 1	Autodesk Build – Product Overview Emily Edelstone <i>Technical Solutions Executive, Autodesk Construction Solutions</i>	Increasing efficiency in quantity takeoff through connected 2D and 3D workflows John Prior <i>Virtual Design & Construction Subject Matter Expert, Autodesk Construction Solutions</i>	Leveraging the Autodesk Construction Cloud as a Foundation for VDC Project Based Learning Glenn Katz <i>Lecturer – Department of Civil & Environmental Engineering, Stanford University</i>
Block 2	How We Build: Barton Malow’s Experience with the Autodesk Construction Cloud Brian Popis <i>Senior Business Transformation Engineer, Barton Malow</i>	Docs and Takeoff in the Classroom Anne Anderson, P.E., Ph.D. <i>Associate Professor, Roger Williams University</i>	What’s New in the Autodesk Construction Cloud John Herridge <i>AEC Technical Marketing Mgr, Autodesk Education</i> Nicole Thomas <i>AEC Account Manager, Autodesk Education</i>
Block 3	Autodesk Docs – Product Overview Neetha Puthran <i>Strategic Technical Solutions Executive, Autodesk Construction Solutions</i>	Optimizing Construction workflows with BIM Data and Autodesk Takeoff Amr Raafat <i>Vice President of VDC & Technology, Windover Construction</i>	Industrialized Construction – Curriculum Overview + Autodesk Learning & Certification John Herridge <i>AEC Technical Marketing Mgr, Autodesk Education</i>

Closing Remarks | Autodesk Education



Sessions

Hands-On Training Workshops 2:15 – 6:30 pm U.S. Eastern Time Daily

2:15 – 3:30	Autodesk Docs	Autodesk Takeoff	Autodesk Build
3:45 – 5:00	Autodesk Build	Autodesk Docs	Autodesk Takeoff
5:15 – 6:30	Autodesk Takeoff	Autodesk Build	Autodesk Docs

Autodesk hands-on workshops

Day 1

AUTODESK Docs

- Account administration
- Document management

2:15 pm – 3:30 pm ET

AUTODESK Build

- Submittal workflows
- RFI workflows
- Assets & Forms

3:45 pm – 5:00 pm ET

AUTODESK Takeoff

- 2D takeoff workflows
- 3D takeoff workflows

5:15 pm – 6:30 pm ET

Workshop session details

Welcome to Autodesk Digital Construction School - Imperial

Inbox X

Autodesk Construction Cloud <acc-no-reply@autodesk.com> 1:55 PM (7 hours ago) ☆ ↶ ⋮
to Student

Autodesk Education Training • Autodesk Digital Construction School - Imperial



Welcome to Autodesk Digital Construction School - Imperial

Student Four,
Nicole Thomas added you as a member to Autodesk Digital Construction School - Imperial.

If you can't access the project, [contact Nicole Thomas](#), the project administrator who invited you to this project.

[Go to your project](#)

Sign in

Email

hame@example.com

NEXT

NEW TO AUTODESK? [CREATE ACCOUNT](#)



AUTODESK Construction Cloud

[Autodesk Construction Cloud](#) to your address book to ensure you receive emails.

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Email ID: a5892441892b652

- **Autodesk ID** email MUST match registration email
- **Project Invite emails** sent to all workshop registrants for both imperial & metric projects (from: acc-no-reply@autodesk.com)
 - Go to your Project
 - Sign in or Create Account
- Content is repeated everyday for all workshop sessions
- No software installations required for training
- Google Chrome is recommended browser
- Licenses & projects active for 30 days

Questions - Email us at construction.cloud.edu@autodesk.com



Autodesk Construction Cloud for education



Autodesk Construction Cloud Products

AUTODESK BIM Collaborate

Empower BIM experts to improve constructability of models, increase transparency in managing risk, and facilitate more efficient design collaboration.



Design Collaboration



Automated Clash Detection



Aggregated Model Coordination



Issue Management



PlanGrid Build Mobile App

AUTODESK Takeoff

Enable estimators to perform more accurate 2D takeoffs and generate automated quantities from 3D models.



2D Takeoff



3D Takeoff



Scope Analysis

AUTODESK Build

Empower builders with a field execution and project management solution to seamlessly collaborate and deliver construction projects on time, on budget.



Project Management



Cost Management



Quality Management



Project Closeout



Safety Management



PlanGrid Build Mobile App

AUTODESK Docs

Organize, distribute, and share files on a single, connected document management platform, ensuring all team members have access to the information they need.

***Not sold as standalone subscription**



Document Control



Document Versioning



Document Approvals



PlanGrid Build Mobile App

INSIGHT

Get up to speed with what's going on in a project, assess trends and patterns in project data, identify any gaps and problems, and use predictive risk data to improve project efficiency.

Dashboards

Reporting

Construction IQ

Data Connector

Accessing the Autodesk Construction Cloud

Learn

- Hands-on Workshops
- Self-Paced Learning
- **Identify target course(s)**

Commit

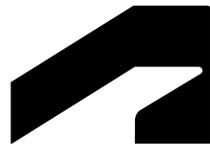
- Provide course information
- Commit to incorporate into course curriculum
- Identify Contract Manager for account

Implement

- Configure account
- Assign user licenses
- Set up projects
- **Enjoy!**



Complete account request form

A close-up, low-angle shot of a laptop hinge, showing the metallic frame and the hinge mechanism. The lighting is dramatic, highlighting the metallic surfaces and the precision of the engineering.

Autodesk Construction Cloud learning content

Classroom ready exercises

Autodesk Construction Cloud



Autodesk Takeoff for quantification

- 2D takeoff workflows
- 3D takeoff workflows

Autodesk Docs

- Document management

Course applications

Construction estimating 1 & 2
Introduction to BIM

Autodesk Build for field management

- Submittal workflows
- RFI workflows
- Issue workflows

Autodesk Docs

- Document management

Course applications

Construction management
Jobsite / Field management

Assets include:

For educators

- Getting started guide
- Exercise answer key
- FAQ
- Datasets (RVT, PDF, XLS)

For students

- Getting started guide and exercises



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