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

**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

- **Recommended browser** | Google Chrome
# Program overview

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| DAY 2 | Wednesday, August 3rd |

| **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 |

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Tuesday, August 2nd

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Autodesk Education

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Technical Solutions Executive, Autodesk Construction Solutions

Increasing efficiency in quantity takeoff through connected 2D and 3D workflows
John Prior
Virtual Design & Construction Subject Matter Expert, Autodesk Construction Solutions

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Docs and Takeoff in the Classroom
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**Block 3**

Autodesk Docs – Product Overview
Neetha Puthran
Strategic Technical Solutions Executive, Autodesk Construction Solutions

Optimizing Construction workflows with BIM Data and Autodesk Takeoff
Amr Raafat
Vice President of VDC & Technology, Windover Construction

**Closing Remarks**
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**DAY 4**
Friday, August 5th

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**DAY 5**
Saturday, August 6th

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Autodesk Education

**Stage**
# 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

- **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
- Safety Management
- Project Closeout
- 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.
- Document Control
- Document Versioning
- Document Approvals
- PlanGrid Build Mobile App

*Not sold as standalone subscription

**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
Autodesk Construction Cloud learning content
Classroom ready exercises
Autodesk Construction Cloud

**Autodesk Takeoff for quantification**
- 2D takeoff workflows
- 3D takeoff workflows

**Autodesk Build for field management**
- Submittal workflows
- RFI workflows
- Issue workflows

**Autodesk Docs**
- Document management

**Assets include:**
For educators
- Getting started guide
- Exercise answer key
- FAQ
- Datasets (RVT, PDF, XLS)

For students
- Getting started guide and exercises

**Course applications**
Construction estimating 1 & 2
Introduction to BIM

**Course applications**
Construction management
Jobsite / Field management