



2022 Digital Construction Summer School

# Closing remarks

Day 3 | August 4, 2022

Steve Strickland

Technical Manager, Construction Education | Autodesk Education



A close-up, low-angle shot of a metallic frame structure, possibly part of a chair or a modern desk, with a brushed metal finish and sharp, angular lines. The structure is positioned on the left side of the page, extending from the top left towards the bottom center.

# Frequently asked questions

# Frequently asked questions

- Access to the event recordings & presentations
- Access to the learning content presented in the event
- Access to software after the event & existing accounts



# Access to event content

- Additional communications will be sent to attendees following the event
- YES | Videos of presentations will be made available for viewing on-demand
- YES | Presentation decks will be made available (PDF)

# Classroom ready exercises

## Autodesk Construction Cloud



Available now for download !

### Autodesk Construction Cloud classroom assets

Access student exercises for preconstruction and field management using a cloud-based construction platform to reduce project risk and improve efficiency.



#### Autodesk Takeoff for quantification

These exercises introduce students on how to quantify projects for estimating in Autodesk Takeoff from 2D sheets and 3D models.

[Download assets](#)



#### Autodesk Build for field management

These exercises introduce students on how to manage building projects in Autodesk Build using RFIs, checklists, and submittals.

[Download assets](#)

# 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

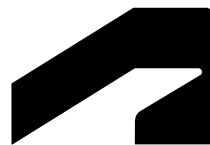
## Assets include:

For educators

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

For students

- Getting started guide and exercises



# **Solution overview and access**

# 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

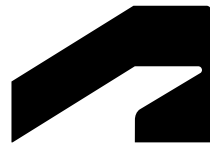
- Provide course information
- Commit to incorporate into course curriculum
- Identify Contract Manager for account

## Implement

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



**Complete account request form**



# **Learning resource access**



# Digital construction school on-demand

## Autodesk Education Community

- Watch sessions on demand after the event
- Locate content organized by day of event
- Download presentations



The screenshot shows the Autodesk Education Community website. The top navigation bar includes the Autodesk logo, a search bar, and links for Products, Support, Learn, and Community. The main content area features a large banner for the 'Autodesk Digital Construction Summer School' with a photo of a woman in a hard hat and safety vest. Below the banner, text states: 'All content from the 2021 Summer School event is now available on-demand. Watch the recorded sessions to discover the latest developments with Autodesk software, workflows, and best practices for construction education.'

### Day 1 - Insights from academia



**Welcome**  
Event welcome and general outline of the days following. Brief overview and information around how to gain access to the Autodesk Construction Cloud and Autodesk Takeoff.

[Download slides](#)



**Autodesk Construction Cloud in the Classroom**  
Learn how to successfully implement the Autodesk Construction Cloud, its tools and workflows in your classroom. See examples of exercises and assignments and how they have been utilized.

[Download slides](#)




**Teaching Preconstruction with BIM 360**  
Walk through how BIM 360 was implemented in a Preconstruction Course. Review Faculty and Student lessons learned as well as their feedback.

[Download slides](#)

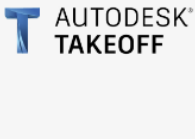
# Autodesk Construction Cloud Learning Center

On-demand courses



**Autodesk Build**


Explore these Autodesk Build courses to learn how to get started, set up project templates, track issues, and more. Includes Cost Management courses.




**Autodesk Takeoff**


Learn how to generate accurate estimates in Autodesk Takeoff from 2D sheets and 3D models.


## Course Overview (14 min)

 Introduction to Autodesk Takeoff (1 min)

### ▼ Getting Started in Takeoff ✓

 Account Navigation Basics (3 min)


 Project Navigation (1 min)

 Project Home (1 min)

 Packages Settings (3 min)

 Exporting Classification Systems (1 min)

### ▼ Where to Find Help ✓

 Help Resources (3 min)


# Autodesk University | Sept. 27-29



September 27-29 | New Orleans

**Registration for  
Autodesk University  
2022 is now open**

[Learn more](#)

 **Don't Miss our Industrialized  
Construction Panel session**  
(live or on-demand)

## On-demand learning

Explore hundreds of free AU classes and resources →

## Get certified

Learn about Autodesk certification to prove your skills and shape your future. →

## Join the community

Connect with Autodesk Community programs that will help you solve problems, share expertise, and more. →

## Learn live

Don't miss Autodesk webinars and other community events. Join your peers from around the globe. →

Feedback

# Autodesk Masterclass

On-demand courses



A screenshot of the Autodesk Construction Cloud website. The top navigation bar includes the Autodesk logo, 'Construction Cloud', a phone number '+1 866-475-3802', a 'LOG IN' dropdown menu, and a 'TRY NOW' button. The main banner features the text 'CONSTRUCTION MASTER CLASS' in white on a dark background. Below this, there are three video thumbnails. The middle thumbnail has a play button icon and the text 'Watch Trailer'. The main text on the banner reads 'Learn from the best in construction.' followed by 'Advance your career, learn new skills, and future-proof your business with in-depth classes from industry leaders.' and a blue 'EXPLORE COURSES' button at the bottom.

## Masterclass examples

- Quantification Master Class for Estimators and Preconstruction Managers
- Project and Cost Management Master Class for Project Managers
- Quality and Field Management Master Class for Quality Managers



# Closing notes

# Event survey and feedback

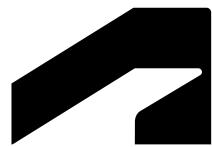


- Please fill-out the exit survey to help us continue to improve the Summer School!
- Survey will be distributed via email after the event, or scan the QR code above
- Be on the lookout later in the semester for our **Winter Workshop (mid-December)**
- Additional feedback or interested in presenting insights at a future event?

Contact us at:

[construction.cloud.edu@autodesk.com](mailto:construction.cloud.edu@autodesk.com)





**Thank you!**



Autodesk and the Autodesk logo are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2022 Autodesk. All rights reserved.