



2022 Winter Workshop | December 14 & 15

# Autodesk University 2022

Highlights for Construction Educators



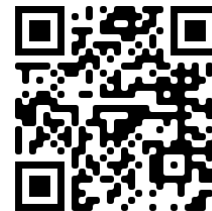
# In this deck

- AU Resources | Watching AU Sessions on Demand (2022 & prior)
  - Recommended AU 2022 courses for construction educators
- Extracting Asset Data directly from 3D models in Autodesk Build
- Real-time rendering of Revit models with Twinmotion
- Reality Capture Mesh Support in Autodesk Docs
- Model property breakdown functionality in Autodesk BIM Collaborate
- Enhanced Docs file support for mobile using the PlanGrid Build mobile app



# Autodesk University 2022

Content now available on demand

A screenshot of the Autodesk University 2022 website interface. The header includes the Autodesk logo, navigation links for 'AUTODESK UNIVERSITY' and 'Conference overview', a search icon, and a 'Watch AU 2022' button. The main content area features a large hero image of a man in a purple shirt standing next to a yellow robotic arm. Below this, there are four promotional cards: 'On-demand learning' (highlighted with a red border), 'Stay connected', 'Join the community', and 'Learn live'. Each card contains a title, a brief description, and a right-pointing arrow.

**AUTODESK**

AUTODESK UNIVERSITY Conference overview

Watch AU 2022

Autodesk University 2022

**AU 2022 sessions are now available on demand**

Watch now for free

**On-demand learning**

Explore hundreds of free AU classes and resources. →

**Stay connected**

Follow updates on AU 2022. Read the blog. →

**Join the community**

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

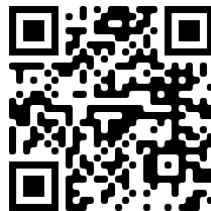
**Learn live**

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

# Autodesk University 2022

## Recommended courses for construction educators

Type	Title
Panel	IC Curriculum that Brings Industry and Academia Together
Technical Instruction	Autodesk Takeoff: The Era of Connected and Accurate QTO Is Here Now!
Industry Talk	The Rise of Prefabrication in Construction
Class	"Connect the dots in cloud" to understand AutoCAD integration with ACC
Class	Digitize key construction processes with Autodesk Build
Class	Project Management 101 - Basics of ACC
Technical Instruction	Photogrammetry Startup w/ the AEC Collection and Construction Cloud
Technical Instruction	Getting STARTED with the Autodesk Construction Cloud
Industry Talk	The Power of Autodesk Construction Cloud Assets
Industry Talk	Unlocking the World of Industrialized Construction
Product Demo	Document Workflows in the Autodesk Construction Cloud (ACC)



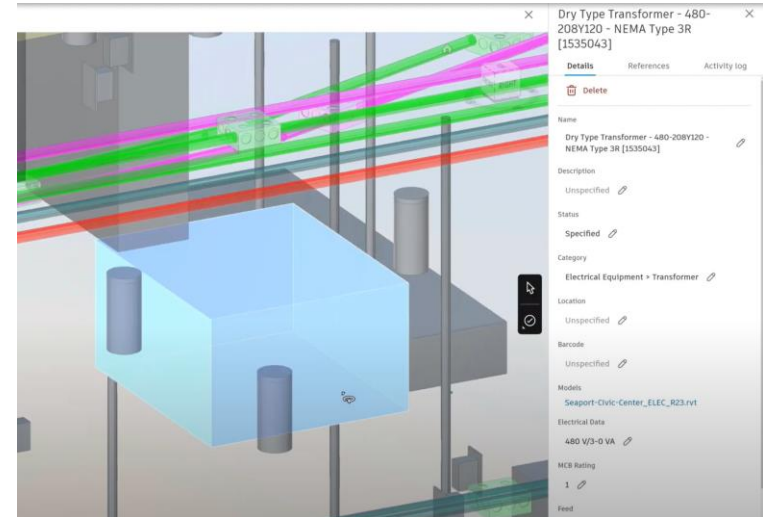
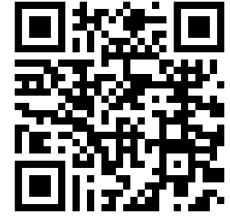
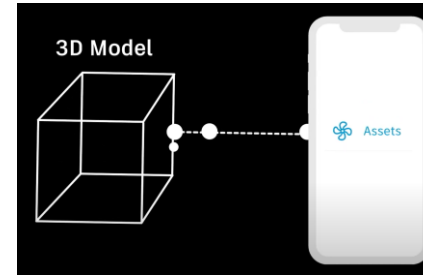
**AUTODESK  
UNIVERSITY**



# Assets – Model Based Workflows

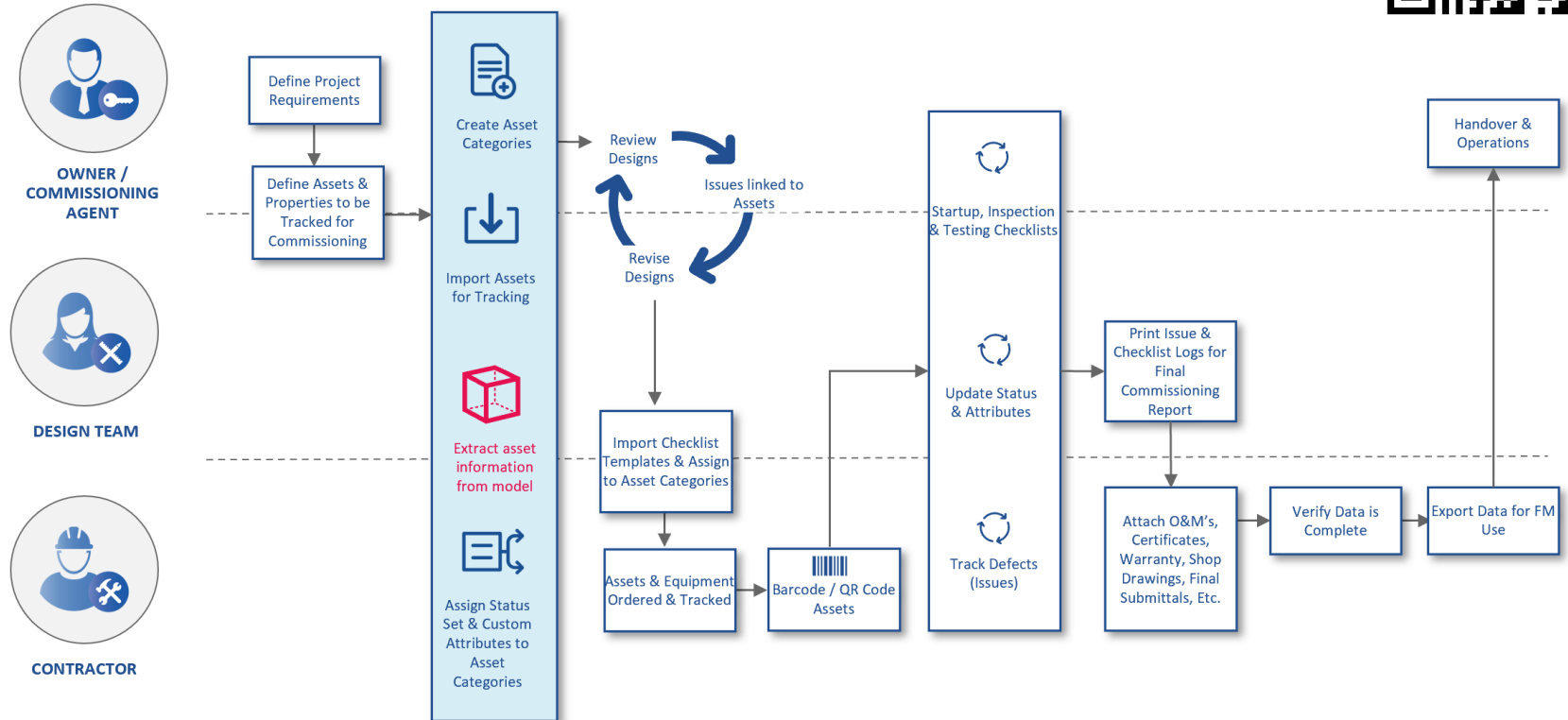
## Autodesk Build

- Model based workflows in the Assets tool in Autodesk Build allows users to easily extract and map asset and equipment information from a model so that teams can start visually tracking assets. By leveraging these capabilities, users will be able to view an asset's location in the model, view and edit any asset properties, and interact with other construction workflow references including Issues, RFI's, Forms, and more.
- The model-based workflows in the Assets tool gives teams the ability improve progress tracking by connecting elements and properties from a model to assets and asset fields. This connects design workflows to construction to help ensure data integrity, drive better decision making, save time, and improve schedule control.



# Assets – Model Based Workflows

Autodesk Build



# Twinmotion | Epic Games Partnership

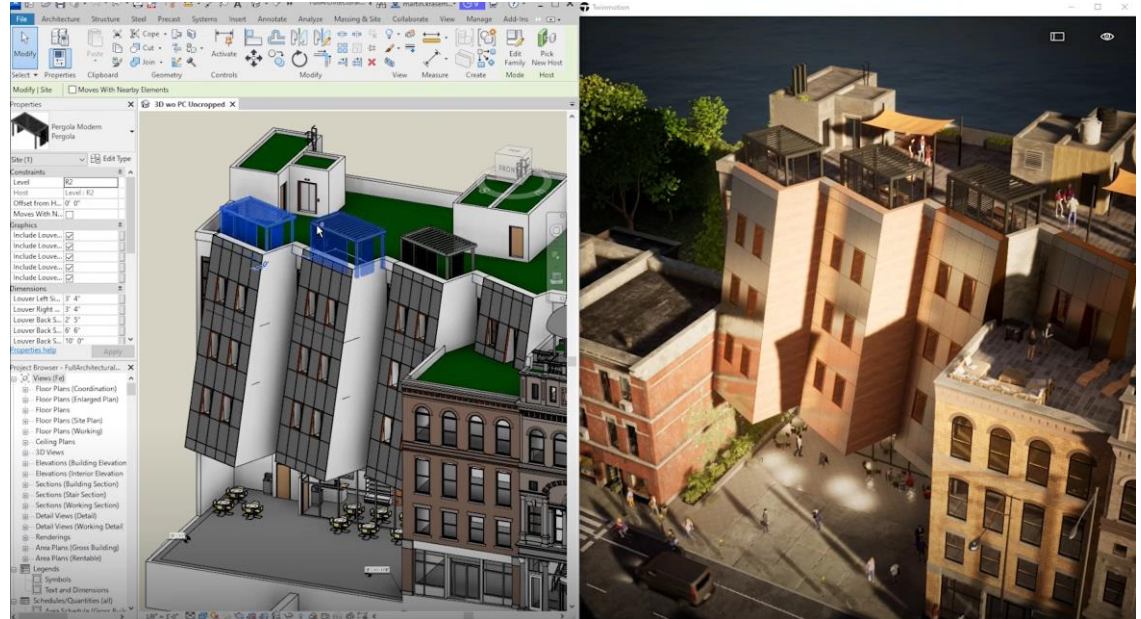
## Autodesk Revit



- Autodesk and Epic Games have announced a collaboration through which Twinmotion is being made available to Autodesk Revit subscribers – we are pleased to announce that this includes Education subscriptions!
- The Twinmotion entitlement is fulfilled automatically with Revit – both Revit and Twinmotion will appear in your Autodesk account
- Existing Revit subscribers will find Twinmotion has been retroactively / automatically fulfilled in their Autodesk Account
- Requires an EDU license of **Revit 2023**



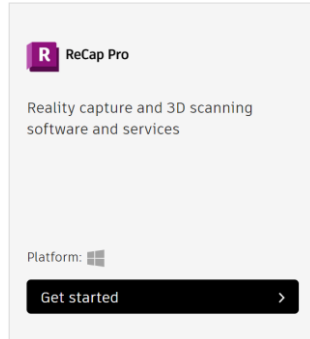
Twinmotion for  
Revit FAQ



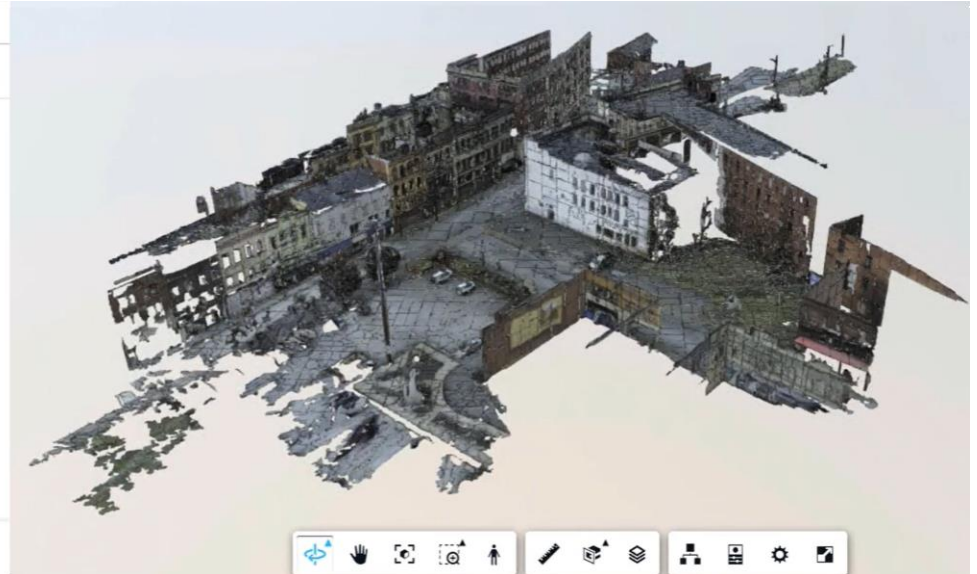
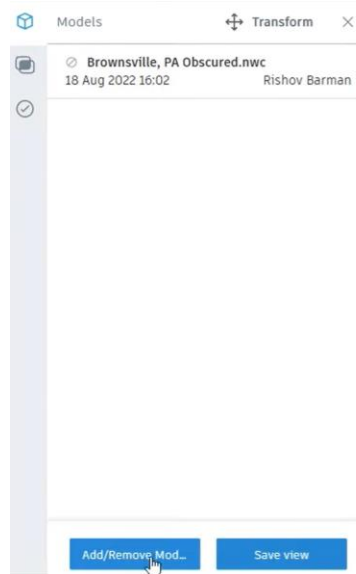
# Reality Capture Mesh Support

## Autodesk Docs

- Recap Pro users can now export NWC mesh files directly from laser scans or photogrammetry into Autodesk Docs. You can store and organize imported NWC mesh files using Autodesk Docs' common data environment, enabling better data access and collaboration.



Get Recap Pro  
for EDU



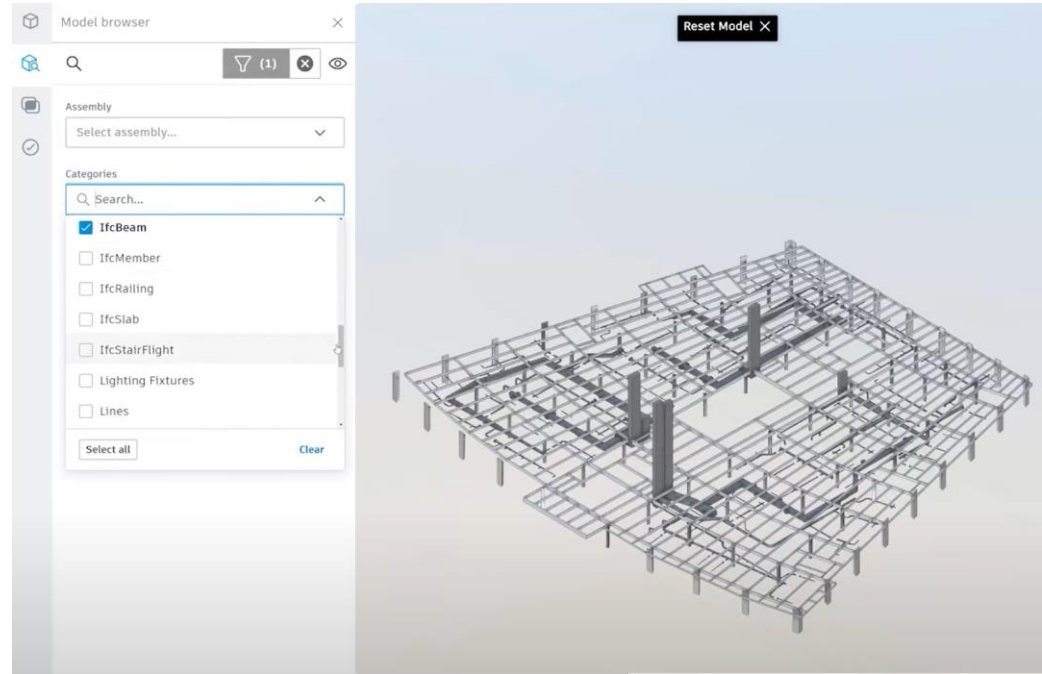


# Model Property Breakdown

## BIM Collaborate | Model Coordination



- With Model Property Breakdown in Autodesk BIM Collaborate, BIM managers can create model views that focus on specific element properties.
- These properties can be things like object categories, assemblies, rooms, or even custom properties. Custom properties are a saved grouping of properties that can be used to focus on things like disciplines or areas (much like search sets in Navisworks).
- Once the custom view is created, BIM managers can use it to filter clash results and even issues.



# Enhanced Mobile Access

## Autodesk Docs / PlanGrid Build mobile app

- Users can use the PlanGrid Build mobile app in the field to navigate and interact with an expanded list of supported 2D and 3D design file types, including DWGs and 2D RVTs.



Apple iOS



Android

