BIM COLLABORATE PRO
With Autodesk Construction Cloud (ACC)

COURSE

C PRO

AUTODESK CONSTRUCTION CLOUD™

AUTODESK Docs

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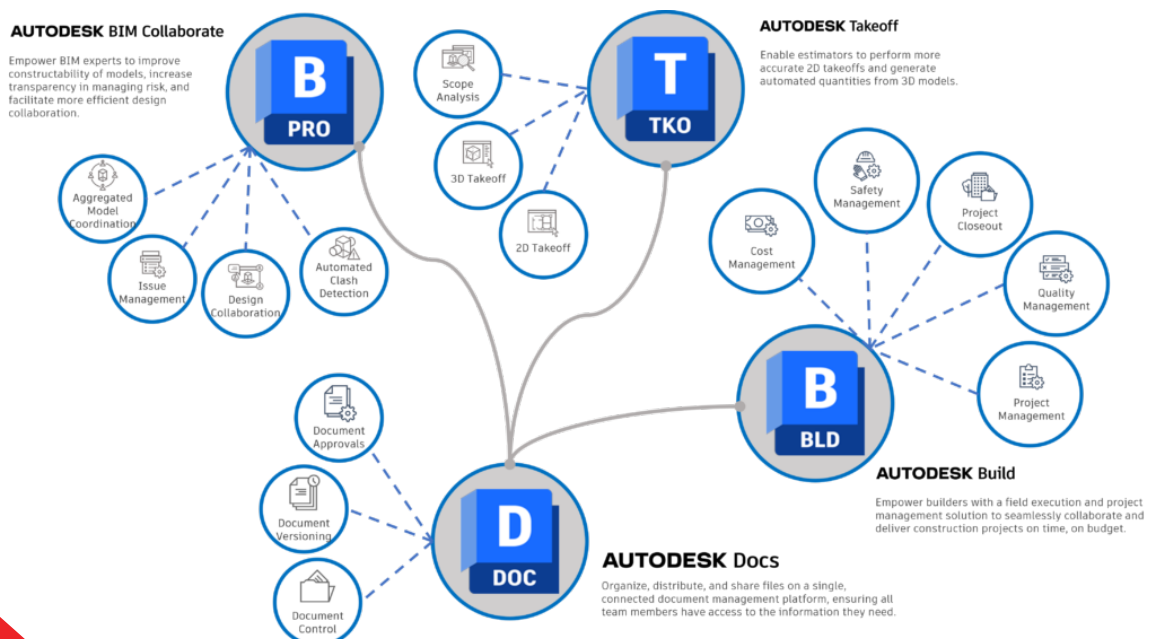
What is BIM Collaborate Pro?

Autodesk BIM Collaborate Pro is a cloud-based design collaboration and design management software that enables teams to:

- Organize project data, democratize access, and connect.
- Improve project visibility to deliver on time.
- Work together on increasingly complex projects.
- Co-author in Revit, Civil 3D, or Plant 3D.

BIM Collaborate enables coordination by allowing different project teams like Architects, Structural Engineers, and MEP designers to share, review, and compare their models in a centralized cloud platform. Each team works on their own Revit models and uploads them to the cloud using Design Collaboration. These models are grouped into "packages" that other teams can view and consume. In the Model Coordination module, all discipline models are automatically aggregated, and the system runs clash detection to highlight where elements (like pipes and beams) interfere. This helps teams spot and resolve design issues early, before construction begins leading to fewer site errors, reduced rework, and smoother collaboration.

BIM Collaborate Pro is a powerful design collaboration product under the umbrella of Autodesk Construction Cloud (ACC)
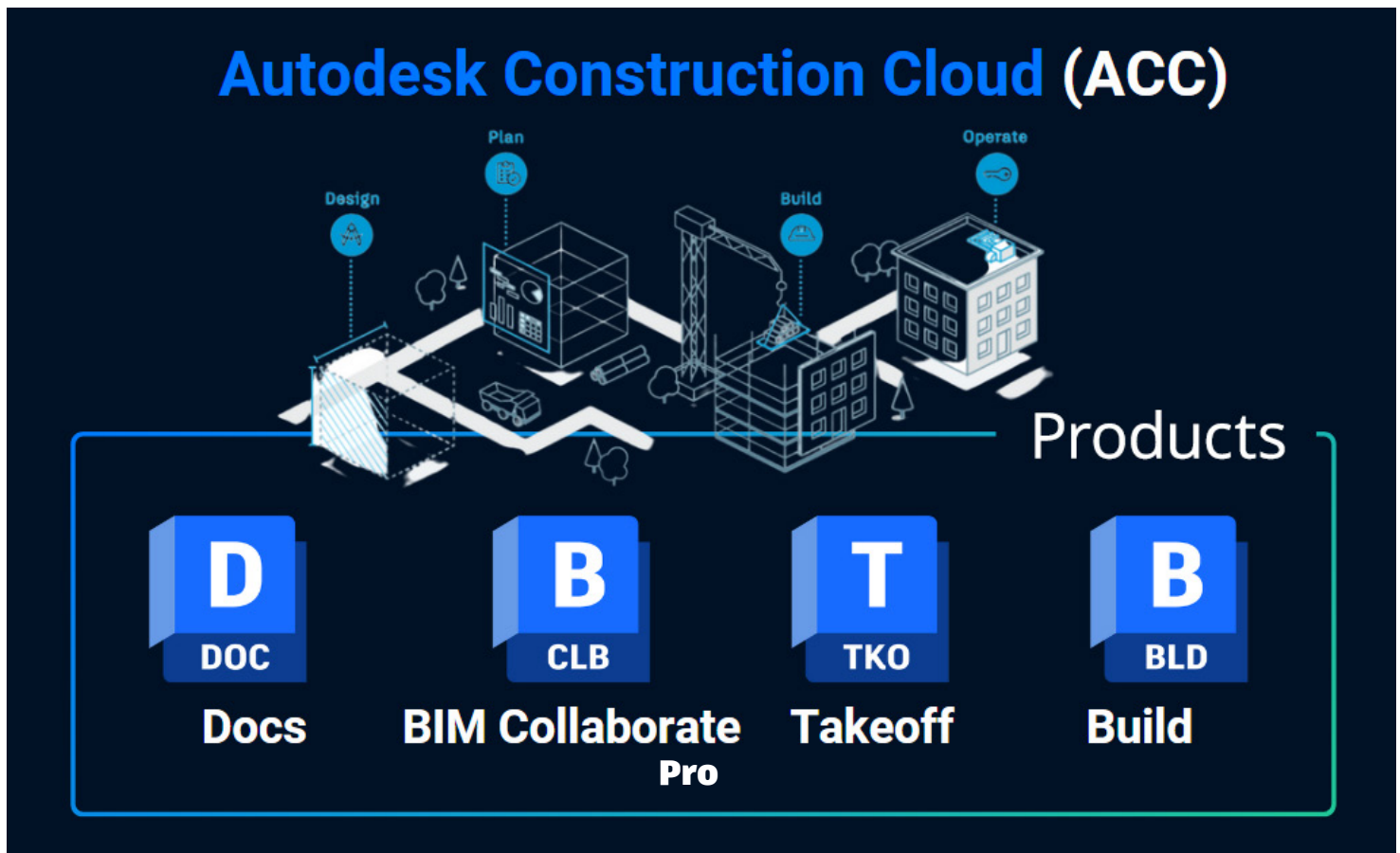
Yes! BIM Collaborate Pro is a product of ACC

Autodesk Construction Cloud (ACC) is a powerful cloud-based platform that connects project teams, workflows, and data throughout the entire architecture, engineering, and construction (AEC) lifecycle. Built to enhance collaboration and productivity, ACC offers a suite of integrated products designed for specific project stages. These include **Autodesk Docs** for centralized document management, **BIM Collaborat**e for design coordination and clash detection, and **BIM Collaborate Pro**, which adds real-time cloud worksharing for Revit, Civil 3D, and Plant 3D. For construction phase management, **Autodesk Build** handles RFIs, issues, and site reports, while **Autodesk Takeoff** enables accurate 2D and 3D quantification. Together, these tools empower project stakeholders to work smarter, reduce rework, and deliver successful outcomes from concept to handover

Who can Attend this course & Requirements

This Course is ideal for:

- BIM Coordinators & BIM Managers
- Architects & Structural/Civil Engineers
- MEP Engineers & Designers
- Project Managers & Design Managers
- CAD/BIM Technicians transitioning to cloud collaboration
- AEC Consultants working with distributed project teams

Whether you're part of a design firm, a construction company, or a consultancy, this course is tailored to help you streamline your coordination and design-sharing processes using Autodesk Construction Cloud.

Requirements :

To benefit fully from this course, learners should have:

- Basic to intermediate knowledge of Revit (Architecture, Structure, or MEP)

- Familiarity with BIM concepts and model collaboration workflows

- A laptop with Autodesk Revit installed (preferably 2023 or later)

- Autodesk account access and BIM Collaborate Pro license (30 days trial account can be created)

About the Trainer

Mr. Roobil Khan

AUTODESK
Certified Instructor

Instructor ID : 86367

Mr. Roobil Khan is an experienced BIM & CAD Professional with 10 years of expertise in Architectural Mechanical,& Structural design. Specialized in Autodesk Software & 3D Modelling he has trained professionals, University Students & Corporate Teams equipping them with industry relevant skills.

With a deep understanding of Revit, Naviswork, ACC, 3Dsmax, Inventor, Solidworks, Lumion, Enscape, D5 Render, Rhino Essentials, Plant 3D & more he ensures that learners gain hands on experience, project based learning & real world insights. As an Autodesk Certified Instructor he is committed to deliver high quality training that bridges the gap between theory & Practical

Module 1:

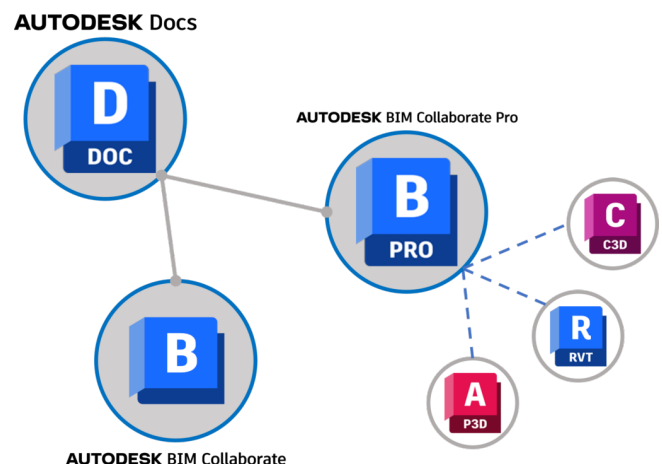**Overview of BIM Collaboration Techniques**

- Central vs. Decentralized Workflows

Introduction to Cloud Worksharing

- Revit Collaborate Tab – Hands-on Practice

- Creating a Central Model from a Local File

- Enabling Worksets: Purpose, Types, and Best Practices

- Understanding and Using Worksharing Monitor

- Synchronizing with Central vs. Save Local

- Relinquishing Elements: When and Why?

- Managing User Worksets and Editable Elements

- Publish Settings in Revit for Cloud Sharing

- Best Practices in Collaborate Tab for Team Coordination

Introduction to Cloud Platforms

- Autodesk Docs: Interface, Folder Setup, Roles

- Understanding the Autodesk Construction Cloud (ACC) Ecosystem
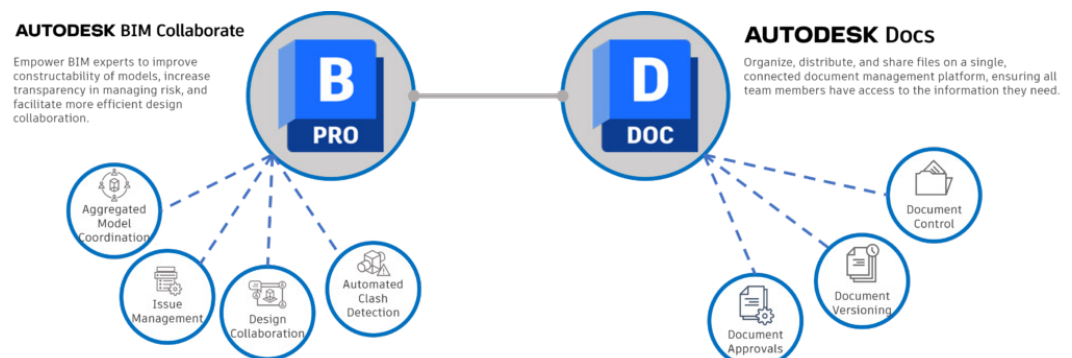
- Docs, Collaborate, Insight (brief)

Module 2:

- Setting up Cloud Worksharing with BIM Collaborate Pro
- Uploading & Publishing Revit Models to Cloud in Docs
- Creating and Managing Teams and Packages
- Design Collaboration Timeline View
- Reviewing, Comparing, and Consuming Packages
- Version Management and Design History
- Communicating Design Changes via Issues/Comments

Module 3:

- Live Project Simulation: Architecture, Structure & MEP Teams
- Cross-Disciplinary Collaboration (Linking Cloud Models)
- Real-time Sync and Issue Tracking
- Introduction to Model Coordination
- Clash Detection
- Assigning & Managing Clashes as Issues
- Managing Linked Models and File Permissions
- Using Markups and Versioning in Docs
- 4D Simulation & .NWC, .NWD, .IFC File integration
- Quantification

Autodesk Softwares Training

- BIM Revit Architecture
- BIM Revit Structure
- BIM Revit MEP
- Inventor Professional
- AutoCAD Plant 3D
- Naviswork Manage
- 3DSMAX

Mechanical Designing

- Solidworks
- CATIA
- SolidEdge
- NX CAD

Architectural Visualization

- Lumion
- Enscape
- D5 Render
- Vray

Project Management

- Primavera P6
- MS Project

3D Modelling

- Blender
- Cinema 4D

Why Choose Elegant Training Center?

At **Elegant Training Center**, you'll be trained by **Autodesk Certified Instructors** and industry experienced professionals who bring real-world insights directly into the classroom.

- **Get Recognized Certifications**
  Upon successful completion, you'll receive:
  ▶ Autodesk Course Completion Certificate
  ▶ KHDA-Approved Certificate (Dubai Govt.)
  ▶ Elegant Training Center Certificate

- **Hands-On, Job-Ready Training**
  We focus on practical learning. You'll work on real-world BIM Model projects using Revit, ensuring you're ready for the demands of today's industry.

- **Flexible Learning Options**
  Whether you prefer classroom or online training, weekday or weekend sessions – we offer flexible schedules to fit your lifestyle and work commitments.

- **Boost Your Career in UAE & Beyond**
  Our training is aligned with local industry standards and global software skills, making you job-ready for opportunities across Dubai, the UAE, and internationally.

- **Personalized Attention**
  With small batch sizes and supportive instructors, you'll receive individual attention to help you confidently master the software and apply it effectively.

At **ELEGANT Training**, we provide educational training to professionals and management personnel improving their career, skills, expertise, competence and business performance.

We specialize in affordable and effective face-to-face training in a variety of courses to meet the needs of today's business. We believe in relevant and adequate training by expert professionals for individuals as well as corporate clients.

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