

Structure 101

Last Modified on 11/19/2021 1:40 pm MST



MiTek is excited to offer a two-day Structure 101 course to learn layout fundamentals in the modeling software. This virtual, hands-on session covers all modeling basics, including walls, floors, and roofs. Structure 101 is an essential program for new designers and a beneficial refresher course for experienced MiTek software users.

Structure 101 is a virtual experience where attendees are not required to travel or install any software locally. Trainees complete all classroom exercises in MiTek's Cloud environment.

Structure 101 is a unique opportunity for designers to learn about the component manufacturing industry and MiTek Structure. The pre-requisite for attending Structure 101 is to complete a MiTek Learning Channel (MLC) course that introduces construction basics. This class will be available on the MLC on Thursday, November 11th, giving Structure 101 attendees approximately one month to complete the pre-requisite class.

The dates for the first course are **December 8th and 9th**, with a pre-training meeting on the afternoon of Tuesday, December 7th.

- ***Note: The December 8th and 9th class is now full.***

For more information about Structure 101, don't hesitate to contact **Steve Morgan**, MiTek's Software Training Manager.

A detailed Structure 101 course outline is below.

MiTek Structure 101
Training Schedule
 December 8th & 9th, 2021



Class Pre-Requisite: MLC Introduction to Construction and Components		
Day 1		
Start	End	Topic
2:00 PM	3:00 PM	Pre-Training Meeting
		Test Virtual Connections
		Introduction to Microsoft Teams
		Participant Introductions
Day 2		
8:00 AM	8:15 AM	Getting Started
		Overview: Schemes Building Styles, & Templates
		Job Schemes
8:15 AM	10:15 AM	Structure Basics
		3D Navigation
		Zoom and Pan
		Structure's Ribbons & Hot Keys
		Search and View
		Property Grids
		Visibility Switches
10:15 AM	10:30 AM	Break
10:30 AM	11:15 AM	Walls and Wall Input
		Wood Walls vs. Solid Walls
		Level Setup
		Job Tree and Navigating Levels
		Input Walls
		Input Beams and Posts
11:15 AM	12:15 PM	Lunch
12:15 PM	1:45 PM	Floor Trusses
		Floor Container Overview and Input
		Floor Truss Input and Editing
		<u>AutoFrame</u>
		Quick Floor Framing
		Input Floor Framing
		Cut Member
		Modify Truss Spacing
		Modify Floor Container Depth
		Adjust Beam Height
		Labeling
		Analyze/Go vs. Redesign

Day 2 (Continued)		
Start	End	Topic
1:45 PM	3:00 PM	Roof Trusses
		Roof Planes
		Roof Truss Input and Editing
		Quick Truss
		Full Truss
		AutoFrame
		Top Chord Edit
		Ends Adjust
		Labeling
		Analyze/Go vs. Redesign
3:00 PM	3:45 PM	Completing the Plan
		Errors and Warnings
		Dimensions & the Tape Measure
		Notes
		Output
		Engineering Drawings
		Layout Sheets
		Snap & Selection
		Select in Current Level Only
		Ortho
		Master Snaps
		Errors and Warnings
3:45 PM	4:00 PM	Prepare for Day 3
		Starting a Job in Management
		PDF Trace
Day 3		
8:00 AM	8:15 AM	Independent Drawing Exercise Overview
8:15 AM	11:00 AM	Independent Drawing Exercise
11:00 AM	Noon	Review
Noon	12:15 PM	Course Review and Evaluation

