



RISA-3D  
ADVANCED

## Description:

The RISA-3D Advanced Topics Course is a 5-hour, interactive training focused on developing a more in-depth knowledge in RISA-3D, with individual sessions used to broaden engineers skills and understanding of 3D modeling, design and problem solving. Example models and learning objectives will be targeted to specific features, while mixing in useful tips and tricks that can lead to elevated efficiency when using RISA-3D. This course, spread out over 2-days (with optional, office hour sessions) is geared toward users who have completed the RISA-3D Quick Start Course or have at least a basic knowledge of the software and are interested in learning more about RISA-3D, with a goal of becoming more efficient and confident in their designs.

Learning Type: Virtual (Live)

Price: \$450

## Topics Covered:

- Unbraced lengths
- Rigid links
- Moving loads
  - Animating moving loads
  - How to set up moving loads in load combinations
  - Design & analysis of moving loads
- P-Delta
  - Investigating why a P-Delta failure is occurring and resolving it
  - Nested load combinations
- Tension/compression only members
- Thermal loading
  - Defining distributed thermal loads
- Cable members
- Analysis offsets
- Appending models
- Plate analysis
  - Submeshing (quad, tri, auto)
  - Plate connectivity
  - Rules of thumb
  - Comparing spreadsheet values to graphical contours
- Active, inactive, excluded elements
- Internal force summation tool (IFST)

## Benefits of Attending:

- Live Training from Licensed Trainers
- "Learn by Doing" with Real World Models

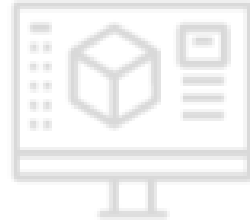
- Deeper understanding of advanced tools
- Master time-saving workflows

## What You Will Learn

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**Advanced Modeling Tools**



**Replicable Troubleshooting Tips**



**Plate Analysis Basics**



**Review How Advanced Options Affect  
Analysis/Design**