



## Learning Module

# Automating Analysis in fe-safe

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In this course you will learn how to extend typical GUI analysis in fe-safe to include different methods of automated fatigue analysis.

### Objectives

Upon completion of this course you will be able to:

- Set up and run various automated fatigue analyses using fe-safe.
- Export a project used with fe-safe to replicate analysis.
- Use pre-scanning and group commands in a macro file.
- Change project settings and run analysis in a macro.
- Change project settings and run analysis in a batch file.
- Troubleshoot and customize batch files and macros.

### Knowledge Prerequisites

Introduction to fe-safe

### Language(s) for selected release

English

### Brands

Simulia

### Available Releases

SIMULIA 2021, SIMULIA 2020, SIMULIA 2019, SIMULIA 2018, SIMULIA 2017, SIMULIA 2016

### Duration

8 hours

### Discipline

Fe-safe

## Contents

Overview - Automating Analysis in fe-safe®

- 1 - Overview of Automation for fe-safe
  - 2 - Preparing a Project Directory to Duplicate Analysis
  - 3 - Initiating Analysis from the Command Prompt
  - 4 - Automating Analysis using a Macro File
  - 5 - Initiating Analysis using a Batch File
  - 6 - Process Integration and Design Exploration
- Appendices