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TRAINING

ANSYS Workbench-Simulation Dynamics

Length: 2 days

ANSYS Workbench-Simulation Dynamics (2 - days training course) is for engineers wishing to use Workbench-Simulation to analyze the dynamic response of structures. The course focuses on performing modal, harmonic, flexible dynamic, and random vibration (PSD) analyses.

After completing the course, analysts should be able to analyze, in Workbench-Simulation, the natural frequencies, mode shapes and mode participation factors of a linear elastic structure, the steady state response of a structure to sinusoidal loads of known frequency, the dynamic response of structures under the action of time-varying loads, and the random vibration of a structure using a power spectral density function (PSD).

Prerequisite: ANSYS Workbench-Simulation Introduction

The training course provides students with the ability to operate ANSYS Workbench-Simulation and the basic understanding of simulation concepts and results interpretation.

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