

## Basic Structural Nonlinearities

**Length:** 2 Days

Recommended for engineers who analyze structural nonlinear phenomena such as large deflection, plasticity or contact, this two-day course will aid in modeling geometric, material and contact nonlinearities, and in obtaining converged solutions with accurate results.

After completion, mechanical analysts should have a basic understanding of how to analyze structures with geometric nonlinearities, implement large strain theory in a nonlinear analysis and analyze structures with plasticity and contact nonlinearities.

**Prerequisite:** Introduction to ANSYS, Part 1

Course Topics Include:

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