



MATLAB Fundamentals for Aerospace Applications

Training Objectives

This three-day course provides a comprehensive introduction to the MATLAB® technical computing environment for aerospace engineers. No prior programming experience or knowledge of MATLAB is assumed. Themes of data analysis, visualization, modeling, and programming are explored throughout the course, with an emphasis on practical application to aerospace engineering. Topics include:

- Working with the MATLAB user interface
- Entering commands and creating variables
- Analyzing vectors and matrices
- Visualizing vector and matrix data
- Working with data files
- Working with data types
- Automating commands with scripts
- Writing programs with branching and loops
- Writing functions

Prerequisites

Undergraduate-level mathematics and experience with basic computer operations

Products

- MATLAB