

Simulation-Based Testing with Simulink

OEM: MathWorks • Duration: 1 Day (8 hrs) • Code: MW-SIMULATION-BASED-TESTING-WITH-SIMULINK

COURSE MODULES & TOPICS

Day 1 of 1

Verification and Validation in Model-Based Design

- Continuous test and verification
- Types of verification
- Electronic throttle control project

Developing Test Cases

- Defining test cases
- Generating test harnesses
- Creating and importing test inputs
- Incorporating logic in tests

Analyzing Test Results

- Performing requirements-based assessments
- Logging, inspecting, and comparing test results
- Collecting model coverage

Building Test Suites

- Creating test files
- Configuring simulation, baseline, and equivalence tests
- Viewing and documenting test results