

# ASL1000 Maintenance

Market Leading Low-Cost Mixed Signal and Analog Test Solutions



## Course Description

This course introduces the student to the system operating environments and maintenance procedures for the ASL1000 test system. The class is presented as a combination of classroom lectures and lab exercises.

## Course Outline

- System Hardware
- Software
- System Maintenance Procedures
- Lab Exercises

## Course Structure

- One day, including classroom and practical exercises

## Prerequisites

- Six months maintenance experience servicing electronic test and measurement equipment

## Recommended Skills

- Familiarity with Windows operating system
- English - written and spoken

## Who Should Attend

- Test program development engineers
- Test program support engineers



Automotive



Mobility



IoT/IoV & Optoelectronics



Computing & Network



Industrial & Medical



Consumer

- Multisite capability resulting in higher throughput
- 21 instrument slot configuration
- Air cooled architecture and instruments
- Compact low power technology

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## Course Modules

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### 1 - Day 1: Classroom Lecture

- System Hardware
  - Safety and ESD Precautions
  - System Architecture
  - Testhead Overview
- Software
  - visualATE
  - Orientation of Directories and Files
  - Introduction to Calibrations and Diagnostics
- System Maintenance Procedures
  - Removing and Inserting Instrument Cards
  - Maintenance Concepts
  - Troubleshooting Methods

### 2 - Day 1: Lab Exercises

Students will be guided through basic maintenance procedures and troubleshooting exercises.

- Lab Exercises (troubleshooting to board level)

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