

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

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)