

TC801 - 4200 Applications Programming

This 5-day course provides a detailed introduction to the 4200 series of In-Circuit Plus test systems. The course covers both the available hardware and software facilities with an emphasis on practical examples.

At the end of the course, the trainee should be able to operate the system, create/debug simple in-circuit test programs and perform routine maintenance tasks.

Contents

- Course Introduction
- System Overview
- Program generation using Computer Assisted Program Generation (CAPG)
- The MTL Test Language
- Analog Measurement Techniques
- Analog Program Debugging
- Digital Test Techniques
- Digital Program Debugging
- Analog Functional Testing
- Logging Fault Data to *i*-Base
- System Administration & Configuration
- Fixturing
- First Line System Maintenance

Pre-requisites

Trainees should be familiar with the technology used in their company's products and have a good understanding of electronics. A level of computer literacy and knowledge of a programming language would also be an asset. Previous ATE experience is also useful, but not essential.

Other 4200 Series Courses

TC804 4200 Series Advanced Applications Programming

TC905 4200 Series Maintenance Course

