

CNCTS Presents - Fanuc 16/18 for Maintenance & Service Personnel

The CNCTS Fanuc Maintenance training course provides the student the necessary skills to troubleshoot and maintain a Series 16/18 Series CNC. Classroom demonstrations are followed by the student using a custom designed Fanuc simulator for practical hands-on experiments.

Who should attend?

The maintenance course is designed for field service personnel or factory staff who are responsible for the support and maintenance of machine tools with Series 16/18 CNCs.

Prerequisites:

The student should have a basic knowledge of Fanuc CNC controls and machine tools. They should also have a basic electrical background and be familiar with test equipment such as DVM's and Oscilloscopes.

Course overview:

- Identify and understand the major hardware components of a CNC system.
- Learn to navigate and work with a variety of Fanuc diagnostic screens including system configuration, I/O trace screen, PMC ladder and others.
- Learn about physical connection points and cabling for the CNC system.
- Review key CNC parameters and how to work with them.
- Student will perform a complete system backup and restore the CNC memory include CNC parameters, part programs, tool offsets, macro variables, PMC ladder etc.
- Explain the signal flow between the Series16/18series CNC and the servos.
- Design an NC test program to create axis motion and learn to interpret pertinent servo diagnostic signal and servo data.

Cost: \$1,600 4 Days