

XP Robot Functional Description

Who should attend?

This course is designed for those individuals in the semiconductor industry who require the knowledge to operate and configure the XP Robot for use on Applied Materials systems.

Course Benefits

- Increase knowledge of XP robot components and subcomponents
- Prepare technicians for training on XP robot maintenance procedures

Course Objective Summary

- Describe and locate the components for controlling the XP robot including the eXMP controller, Ethernet connections, and LCF (local centerfinder) interface
- Describe and locate the XP robot components
- Describe how the virtual resolver and servo motor operate to maintain robot position control
- Describe and locate the local centerfinder components
- Operate the XP robot using source/destination moves to cycle wafer through the system
- Operate the XP robot from the monitor handler screen using extension, rotation, and direct control options
- Configure the eXMP robot for correct IP address and home position settings
- Access the robot calibration screens for calibrating the drop and pick position of the robot
- Access the centerfinder screen for configuring and calibrating the LCF sensors

Course Modules

1. *Overview*

Registration Information

Prerequisites: *None*
Course Length: *1 Hour*
Course Type: *Web-Based Training*
Course Number: *TRAW1443b*

To enroll or for more information on our products and services, please call our registrar at the number below or go to www.appliedtraining.com.

- 1-800-468-8888, option 4 (United States)
- 1-512-272-0027 (International)

Computer System Requirements:

Attending this course requires a computer using Internet Explorer 5.5 or higher with the plug-in for Flash Player 9. For the audio portion of the class, headsets or speakers are required. 128MB RAM or higher, high-speed Internet access and a screen resolution of 1024 x 768 are also highly recommended.