

## DeviceNet Network: Maintaining and Troubleshooting

This two-day course provides the necessary resources and practice to maintain and troubleshoot a DeviceNet network. Throughout the course; your instructor will demonstrate procedures such as calculating cable system lengths, supplying power, connecting to the network, clearing scanner error codes, and diagnosing device faults. Demonstrations on adding and configuring devices and modifying scan lists using DeviceNetManager™ software is also covered. After each instructor demonstration, you will be presented with a real-world situation to solve using your DeviceNet workstation. The course culminates in an integrated practice that will require use of each skill to return a malfunctioning network to normal operation.

Participants will learn how to return a malfunctioning DeviceNet network to normal operation by determining the cause of cable system faults, connecting to the network to troubleshoot and configure devices, clear scanner faults and error codes, and interpret and modify scan lists.

- I. Maintaining and Troubleshooting the DeviceNet Cable System**
- II. Navigating Through the DeviceNetManager Software**
- III. Connecting to the DeviceNet Network and Devices**
- IV. Clearing Scanner Fault Indications and Error Codes**
- V. Diagnosing Device Faults and Adding and Configuring Devices**
- VI. Interpreting and Modifying Scan Lists**
- VII. Verifying Normal Network Operation**