

A-800

ALLEN-BRADLEY DeviceNet Communications

<i>Course Description</i>	This course will familiarize personnel with DeviceNet Hardware/Software, and how they interface to the Allen-Bradley PLC-5. Each student will be required to set up a network, add devices to the network and troubleshoot these devices using the required software.
<i>Topical Outline</i>	<ul style="list-style-type: none">▪ DeviceNet Hardware▪ DeviceNet Software▪ DeviceNet System Troubleshooting
<i>Supported Hardware & Software</i>	This course can be delivered utilizing Allen-Bradley ControlLogix, PLC-5 or SLC-500 programmable controller hardware platforms. The course can be delivered either RS Networx for DeviceNet or DeviceNet Manager software.
<i>Prerequisites</i>	Personnel enrolled in this course should have completed our training program A-510: Allen-Bradley PLC-5/Level One and A-520: PLC-5/Level Two or have equivalent knowledge.
<i>Course Length</i>	16 hours
<i>CEU's</i>	1.4
<i>Objectives</i>	Persons successfully completing this course will be able to: <ul style="list-style-type: none">▪ Identify hardware components of a DeviceNet System▪ Identify appropriate taps, connectors, power supplies and cables.▪ Determine the cause of cable system faults▪ Connect to the network to configure and troubleshoot devices.▪ Use RS Networx Software to configure a DeviceNet network.▪ Verify the proper operation of the network.▪ Map a 1771 SDN Scanner's data table.▪ Interpret and modify scan list.