

INTRODUCTION TO RT AUTOMATION'S ASCII TO PLC GATEWAY

SUMMER 2022

June 27

832 SCRIBNER NW
GRAND RAPIDS, MI 49504

August 22

4621 EXECUTIVE BLVD.
FORT WAYNE, IN 46808

Instructor-Led, Hands-On Training

- Flexible Training Offering – only choose the days you want
- Scalable Training Offering – classes cover various skill levels
- Individual Training – students will be provided with individual lab stations

About the Training:

The training classes cover the topics listed in the training matrix shown on page 2. For the best learning experience, we recommend taking training classes in a sequence as they build on one another. Having prior knowledge or skills may allow you to take advanced classes without taking the lower-level classes.

The troubleshooting classes use the lab work from the corresponding training class to teach the relevant troubleshooting skills. For the best learning experience, we recommend taking the corresponding training class before the troubleshooting class.

About the Instructor:

Roy Radziszewski is an automation and networks instructor. He teaches courses covering various types of Allen Bradley™ AC variable frequency drives, small and medium range PLCs, PanelView graphic terminals, and Networks (which includes Stratix switches).

During Roy's career he has started-up, serviced and designed control systems, and has deployed thousands of drives for all types of industrial manufacturing applications.

Roy holds an electrical engineering degree from The Milwaukee School of Engineering and an MBA from the University of Houston. In addition, he holds programming certificates (C, C#, Android, and real-time embedded systems) from the University of Washington and University of California, Irvine. Roy is currently working on his CCNA Certification through Cisco.

Limited Seating – maximum 8 stations/students

CLASS TIME

9:00am - 4:30pm

LUNCH PROVIDED

REGISTRATION INFORMATION:

Cost: \$1,095 per student / per day

Register at: keinc.info/KCT



Visit
kendallelectric.com/training
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Kendall Electric.



2022 KENDALL CONNECTED TRAINING

Introduction to RTA ASCII to PLC Gateway

Network Training Matrix	Introduction Stratix 2500 (1-Day)	Intermediate Stratix 2500 (1-Day)	PLC to Gateway (RTA) Training (1-Day)
• Out-of-the-box Capabilities of the Stratix 2500	✓		
• Networks and Hosts Discussion	✓		
• CLI and Device Manager (Web Interface) Communications	✓		
• Switches and Hubs Discussion	✓		
• Express Setup (Configuring Beyond The Default)	✓		
• Smart Ports, Port Settings, and Ethernet Channels Discussion	✓		
• Smart Ports, Port Settings, and Ethernet Channels Lab	✓		
• VLAN Discussion and Lab	✓		
• CIP	✓		
• DHCP Clients	✓		
• Alarm Settings	✓		
• Save and Load Configuration Files	✓		
• Quality of Service (QoS) and DHCP Port Configuration Discussion		✓	
• Quality of Service (QoS) and DHCP Port Configuration Labs		✓	
• Port Mirroring and Wire Shark Labs		✓	
• PuTTY Software Discussion and Lab		✓	
• Access Management		✓	
• Port Securities and Statistics		✓	
• IGMP Snooping		✓	
• Spanning Tree		✓	
• Installing Stratix AOI and ME Faceplates		✓	
• Create Studio 5000 Project using Stratix AOI		✓	
• Creating PanelView ME Application using Stratix Faceplate		✓	
• Connecting Logix Project and PanelView Application		✓	
• RTA (Real Time Automation) 435NBX Gateway Training			✓
• Downloading and installing Add-On-Instructions and EDS files			✓
• Accessing the Gateway Configuration pages			✓
• Device Configuration			✓
• PLC Configuration			✓
• Setting up ASCII to PLC Communications			✓
• Setting up PLC to ASCII Communications			✓
• Saving and Loading Gateway Configurations			✓
• Importing and setting up 435NBX EDS files for RSLinx			✓
• Using 435NBX Gateway Tools			✓
• Creating PanelView ME Application using Stratix Faceplate			✓
• Create a Fully Functioning 435NBX Gateway to L18ERM PLC RS-232 Based Control System			✓