

INTELLECT CONTROLS GROUP, INC.

2018 KENTUCKY TRAINING CENTER SCHEDULE

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PLEASE NOTE: *Schedule is subject to change without notice*

BASIC ELECTRICAL & INTRODUCTION TO PLC TRAINING

I-100: Introduction to Ladder Logic & Programmable Controllers

Course Description

This 16-hour, 2 day training program is designed to present an introduction to electrical control devices, ladder logic diagramming, and wiring. Application exercises are used throughout the course to create a hands-on learning environment.

Tuition: \$1,100.00

Scheduled Course Dates

Call for dates

E-100: Introduction to Electrical Control & Electrical Safety

Course Description

This 32-hour, 4 day training program is designed to familiarize entry-level electricians, equipment operators and other skilled trades with electrical control fundamentals, electric terminology and basic troubleshooting techniques.

Tuition: \$1,700.00

Scheduled Course Dates

Jan 8-11, 2018

March 12-16

Apr 9-12

July 9-12

Aug 20-23

Oct 8-11

Dec 10-13

ALLEN-BRADLEY CONTROLLOGIX PLC'S

A-6000: Allen-Bradley ControlLogix Programmable Controllers/Level One Maintenance & Troubleshooting

Course Description

This 32-hour, 4 day training program provides students with hands-on experience in the troubleshooting and maintenance of the Allen-Bradley ControlLogix Programmable Controller. Hardware and software troubleshooting techniques are heavily emphasized throughout the course. Troubleshooting techniques include interpretation of status indicators, diagnostic messages and use of the programming terminal to quickly isolate faults and take proper corrective actions. The instructor will use examples of actual troubleshooting experiences to enhance the learning process.

Tuition: \$1,700.00

Scheduled Course Dates

Jan 8-11, 2018

Mar 5-8

May 7-10

June 18-21

July 16-19

Aug 13-16

Sept 17-20

Nov 26-29

Dec 17-20

A-6100: Allen-Bradley ControlLogix 5000 Fundamentals & Troubleshooting

Course Description

This 36-hour, 4.5 day training program is designed to challenge technicians troubleshooting skills. The training begins with a thorough review of the Logix5000 Hardware, Software, addressing schemes and basic Ladder Instructions. Following this review is a series of Hands-on troubleshooting projects using real world interfaces such as conveyors, pick & place robots, remote I/O communications, Ethernet I/O and 1771 interfaces. The participants are assigned to evaluate and troubleshoot a series of equipment problems using a variety of scenarios. Each participant will be challenged to solve hardware problems, software problems, communication conflicts, addressing conflicts and other issues that arise when troubleshooting PLC related problems.

Tuition: \$1,700.00

Scheduled Course Dates

Call for dates

2018 KENTUCKY TRAINING CENTER SCHEDULE**PLEASE NOTE:** *Schedule is subject to change without notice***ALLEN-BRADLEY CONTROLLOGIX PLC'S****A-6200: Allen-Bradley ControlLogix Programmable Controllers/Level Two
Advanced Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program provides students with hands-on experience using the advanced control and diagnostic capabilities of the Allen-Bradley ControlLogix Programmable Controller and the RSLogix5000 programming software package. Application troubleshooting exercises are used throughout the course to give students hands-on experience solving typical problems encountered in the factory.

Tuition: \$1,700.00**Scheduled Course Dates**

Jan 15-18, 2018
 Mar 12-15
 May 14-17
 July 23-27
 Sept 24-27
 Dec 3-6

**A-6300: Allen-Bradley ControlLogix Programmable Controllers/Level Three
Advanced Network Communication and Troubleshooting****Course Description**

This 32-hour, 4 day training program provides participants with hands-on experience in the troubleshooting and maintenance of the Allen-Bradley ControlNet, DeviceNet and Ethernet communications networks. Hardware and Software troubleshooting techniques are heavily emphasized throughout the course.

Tuition: \$1,700.00**Scheduled Course Dates**

Jan 29-Feb 1, 2018
 May 21-24
 Oct 1-4

**A-6400: Allen-Bradley ControlLogix Motion
Maintenance and Troubleshooting****Course Description**

This 32-hour, 4 day training program will provide the student with the knowledge and skills to identify, install, configure and troubleshoot a closed loop motion control system in the Logix 5550 architecture. In addition, students will learn specific programming instructions used for motion control in ControlLogix ladder logic programs. Students will also learn how to interface ControlLogix 5550 system with either Ultra 3000 or Kinetix 6000 Servo Drives.

Tuition: \$1,700.00**Scheduled Course Dates**

Feb 5-8, 2018
 June 4-7
 Oct 8-11

ALLEN-BRADLEY GUARDLOGIX**A-6110: Allen-Bradley GuardLogix Safety I/O Systems
Maintenance and Troubleshooting****Course Description**

This 16-hour, 2 day training program covers installing and troubleshooting GuardLogix Safety I/O Systems. Coverage is primarily on DeviceNet, Safety Modules, but Ethernet versions are covered as well.

Tuition: \$1,100.00**Scheduled Course Dates**

Jan 29-30, 2018
 May 7-8
 July 9-10
 Aug 6-7
 Nov 5-6
 Dec 17-18

2018 KENTUCKY TRAINING CENTER SCHEDULE**PLEASE NOTE:** *Schedule is subject to change without notice***ROCKWELL RS-5000 SOFTWARE****A-6120: RS-5000 ControlLogix Function Block Diagrams****Course Description**

This 16-hour, 2 day training program is for those familiar with Allen-Bradley ControlLogix controllers, but not familiar with Function Block Diagrams. In this course students will learn how to program, interpret, and troubleshoot ControlLogix programs written with Function Block diagrams.

Tuition: \$1,100.00**Scheduled Course Dates**

Call for dates

A-6130: RS-5000 ControlLogix Structured Text**Course Description**

This 16-hour, 2 day training program is for those familiar with Allen-Bradley ControlLogix controllers, but not familiar with the Structured Text. In this course students will learn how to program, interpret, and troubleshoot ControlLogix programs written using Structured Text.

Tuition: \$1,100.00**Scheduled Course Dates**

Call for dates

A-6140: ControlLogix RS-5000 Sequential Function Chart**Course Description**

This 16-hour, 2 day training program will enable a student to create, enter, and troubleshoot a Sequential Function Chart. Topics covered include Sequential Chart Layout, Entering and an SFC, and Troubleshooting an SFC.

Tuition: \$1,100.00**Scheduled Course Dates**

Call for dates

A-6150: RS-5000 ControlLogix Function Block Diagram, Structured Text & Sequential Function Chart Programming

This 36-hour, 4.5 day training program is a combination of our **A-6120**, **A-6130**, & **A-6140** training programs.

Tuition: \$1,700.00**Scheduled Course Dates**

Feb 19-23, 2018

June 18-22

Oct 15-19

ALLEN-BRADLEY PLC-5 FAMILY**A-510: Allen-Bradley PLC-5 Family Programmable Controllers Level One Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program provides students with hands-on experience in the troubleshooting and maintenance of the Allen-Bradley PLC-5 family of programmable controllers. Hardware and software troubleshooting techniques are heavily emphasized throughout the course. Troubleshooting techniques include interpretation of status indicators, diagnostic messages and use of the programming terminal to quickly isolate faults and take proper corrective actions. The instructor will use examples of actual PLC-5 troubleshooting experiences to enhance the learning process.

Tuition: \$1,700.00**Scheduled Course Dates**

Feb 19-22, 2018

June 18-21

Oct 22-25

2018 KENTUCKY TRAINING CENTER SCHEDULE**PLEASE NOTE:** *Schedule is subject to change without notice***ALLEN-BRADLEY PLC-5 FAMILY****A-520: Allen-Bradley PLC-5 Family Programmable Controllers Level Two
Advanced Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program allows students to gain hands-on experience using the advanced control & diagnostic capabilities of the PLC-5 programmable controller. Application troubleshooting exercises are used throughout the course to give students actual hands-on experience solving typical problems encountered in the factory.

Tuition: \$1,700.00**Scheduled Course Dates**

Feb 26-Mar 1, 2018
June 25-28
Oct 29-Nov 1

ALLEN-BRADLEY SLC-500 FAMILY PLC'S**A-5000: Allen-Bradley SLC-500/Level One
Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program allows students to gain hands-on experience in the troubleshooting and maintenance of the Allen-Bradley SLC-500 programmable controller. Hardware and software troubleshooting techniques are heavily emphasized throughout the course. The instructor will use example of actual troubleshooting experiences to enhance the learning process.

Tuition: \$1,700.00**Scheduled Course Dates**

Mar 19-22, 2018
July 23-26
Dec 3-6

**A-5200: Allen-Bradley SLC-500/Level Two
Advanced Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program allows students to gain hands-on experience using the advanced program instructions and communications features of the Allen-Bradley SLC-500 programmable controller. Application projects emphasizing hardware and software troubleshooting techniques are used throughout the course to create a hands-on learning environment.

Tuition: \$1,700.00**Scheduled Course Dates**

Mar 26-29, 2018
July 30- Aug 2
Dec 10-13

HMI – HUMAN MACHINE INTERFACE**A-760: ROCKWELL FactoryTalk View ME HMI Software
Maintenance & Troubleshooting****Course Description**

This 36-hour, 4.5 day training program is designed for the maintenance troubleshooter to enable them to use PanelView Plus terminals, FactoryTalk View ME and FactoryTalk View Studio to assist in correcting line stoppages and errors. Emphasis is on troubleshooting rather than on programming, although exposure to the many software features is included. It is assumed that the technician will be using existing FactoryTalk View ME, Communications, and PLC programs.

Tuition: \$1,700.00**Scheduled Course Dates**

Jan 29-Feb 2, 2018
April 23-27
July 30-Aug 3
Sept 17-21
Nov 12-16

2018 KENTUCKY TRAINING CENTER SCHEDULE**PLEASE NOTE:** *Schedule is subject to change without notice***HMI – HUMAN MACHINE INTERFACE****A-770: Rockwell FactoryTalk View SE
Maintenance & Troubleshooting****Course Description**

This 36-hour, 4.5 day training program is designed for the maintenance troubleshooter to enable him or her to use FactoryTalk View Studio programs and FactoryTalk View Client to assist in correcting line stoppages and errors. Emphasis is on troubleshooting rather than programming. It is assumed the technician will be using existing FactoryTalk View SE projects, Communications and PLC programs.

Tuition: \$1,700.00**Scheduled Course Dates**

Call for dates

MOTOR DRIVE TRAINING**MC-100: AC and DC Variable Speed Motor Drive
Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program is designed to provide maintenance electricians with a thorough understanding of AC and DC motor construction, operation and variable speed control. Hands-on lab exercises are used throughout the training program to simulate actual plant conditions. Course hardware will include Variable Frequency AC and DC Motor Drive Workstations, Circuit Test Workstations, Oscilloscopes and Multimeter test equipment. Hands-on labs will explain operation and troubleshooting of diodes, transformers, SCR's, transistors and other electrical control devices.

Tuition: \$1,700.00**Scheduled Course Dates**

Feb 19-22, 2018

June 11-14

Aug 27-30

Nov 12-15

MC-525: Allen-Bradley PowerFlex 525 AC Drives with Connected Components Workbench**Course Description**

This 16 hour, 2 day training program, is designed to provide the basic knowledge necessary - to enable maintenance personnel in troubleshooting, maintaining, replacing, start-up, and interfacing the Allen-Bradley PowerFlex 525 drive. Students will learn how to use the front panel and Connected Components Workbench (CCW) to access parameters and diagnose faults. Communications using both EtherNet I/P and USB ports will be covered. The most commonly used parameters will be explained and students will practice using them. Students will locate power, signal and control terminals, monitor drive conditions, clear faults, gain the ability to troubleshoot drive problems and perform preventative maintenance.

Tuition: \$1,100.00**Scheduled Course Dates**

Jan 22-23, 2018

Mar 26-27

Aug 13-14

Dec 17-18

**MC-700: Allen-Bradley PowerFlex 70/700 Variable Frequency Motor Drives
Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program is designed to provide maintenance electricians and engineers with the required knowledge and skills to install, start-up and troubleshoot Allen-Bradley PowerFlex 70/700 Variable Frequency AC Drive systems. Emphasis is on using the Human Interface Module and DriveExplorer software to set and check parameters used in normal operation and for troubleshooting. Students will locate power, signal and control terminals, monitor drive conditions, clear faults and be able to troubleshoot drive and motor problems.

Tuition: \$1,700.00**Scheduled Course Dates**

Feb 26-Mar 1, 2018

Apr 16-19

Aug 20-23

Dec 3-6

2018 KENTUCKY TRAINING CENTER SCHEDULE**PLEASE NOTE:** *Schedule is subject to change without notice***MOTOR DRIVE TRAINING****MC-750: Allen-Bradley PowerFlex 700S AC Drive
Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program is designed to provide maintenance electricians and engineers with the required knowledge and skills to install, start-up and troubleshoot Allen-Bradley PowerFlex 700S Variable Frequency AC Drive systems. Emphasis is on using the Human Interface Module and DriveExecutive software to set and check parameters used in normal operation and for troubleshooting. Students will locate power, signal and control terminals, monitor drive conditions, clear faults and be able to troubleshoot drive and motor problems.

Tuition: \$1,700.00**Scheduled Course Dates**

Call for dates

**MC-755: Allen-Bradley PowerFlex 753/755 Variable Motor Drives
Maintenance & Troubleshooting****Course Description**

This 32-hour, 4 day training program uses the Allen Bradley PowerFlex 755 drive. The skills you develop during this class apply to both models (755 & 753) of the 750-Series drive. The course will provide you the opportunity to interface with these drives using the A6 LCD HIM, DriveExplorer and DriveExecutive software.

Tuition: \$1,700.00**Scheduled Course Dates**

Mar 19-22, 2018

July 9-12

Nov 26-29

FANUC CNC TRAINING**NC-100: Fanuc CNC Basic Machine Troubleshooting****Course Description**

This 36-hour, 4.5 day hands-on training program is designed for technicians who will be troubleshooting Fanuc controlled machinery. This is an introductory course. Students should be new to CNC machining and have an electrical background. The objective is to have the student understand the principals of operation and know where to start looking for a problem. Upon completion of the course students will be able to intelligently discuss a machine problem with other engineers using standard industry terminology.

Tuition: \$1,750.00**Scheduled Course Dates**

Call for dates

NC-150: Fanuc CNC Troubleshooting**Course Description**

This 36-hour, 4.5 day hands-on training program is designed for technicians who will be troubleshooting CNC equipment with Fanuc controls. We will emphasize the importance for technicians to fully understand how the electronics and mechanics interact in order to troubleshoot a problem. The course will cover the three primary areas of CNC troubleshooting:

Tuition: \$1,750.00**Scheduled Course Dates**

Jan 15-19, 2018

April 16-20

Sept 17-21

- Electrical: Motors, servos, encoders, ladder logic and diagnostics
- Mechanical: The major components that make up a machine tool
- Environmental: Outside factors such as leveling, power, tooling

2018 KENTUCKY TRAINING CENTER SCHEDULE**PLEASE NOTE:** *Schedule is subject to change without notice***FANUC CNC TRAINING****NC-200: Fanuc CNC Advanced Machine Troubleshooting****Course Description**

This 36-hour, 4.5 day hands-on training program provides the advanced training needed by CNC service technicians to fully understand the workings of a Fanuc controlled CNC machine. The students will use a hands-on approach to create ladder logic programs; install and remove scale feedback systems and modify parameter settings. The students will be using a simulator equipped with a Fanuc i-series control. This is a fully functional machine using alpha series drives, motors and scale feedback.

In this class the students are divided up into teams. These teams will work together to create errors that are introduced into the simulator. Each team will then debug the other team's errors. All of our classes can be tailored to the specific issues that you wish to address.

Tuition: \$1,750.00**Scheduled Course Dates**

Jan 22-26
 April 23-27, 2018
 Sept 24-28

NC-300: Using Fanuc Ladder Logic and Diagnostics for Troubleshooting**Course Description**

This 36-hour, 4.5 day hands-on training program is designed for technicians who will be troubleshooting Fanuc controlled machinery. It will concentrate on the use of ladder logic and various diagnostic screens to troubleshoot machine problems. During the course the student will examine the ladder logic in detail for one machine. During this process we will also cover various programming techniques used by other machine builders. Multiple circuits, including M-codes, spindle commands, interlocks and alarms, will be covered.

Tuition: \$1,750.00**Scheduled Course Dates**

May 7-11
 Oct 8-12

NC-400: Fanuc G Code (Tool Path) Programming**Course Description**

This 36-hour, 4.5 day hands-on training program will teach students the fundamentals of basic programming. Students learn Cartesian Coordinate Systems, G codes, basic M codes, word address, canned cycles, cutter radius compensation, and sub programs. Participants will be given many different examples, as well as write many programs. Safety lines and technique will be covered.

Tuition: \$1,750.00**Scheduled Course Dates**

Call for dates

NC-500: Fanuc Macro and Option Training**Course Description**

This 36-hour, 4.5 day hands-on training program will instruct the students in the use of custom macro programming and special options for Fanuc controls. The students will learn to use these powerful functions to increase machine efficiency and reduce cycle times. This is a very intense course with a considerable amount of time spent writing and executing programs.

Tuition: \$1,750.00**Scheduled Course Dates**

Call for dates

2018 KENTUCKY TRAINING CENTER SCHEDULE

PLEASE NOTE: *Schedule is subject to change without notice*

PROCESS CONTROL TRAINING

**PCI-100: Understanding Industrial Process Control/Level One
Process Measurement & Control Fundamentals**

Course Description

This 36-hour, 4.5 day training program uses a hands-on approach providing students with a fundamental understanding of industrial process measurement & control systems. Participants will learn the basic measurement & control principles, terminology, symbols & documentation standards. In addition students will perform hands-on exercises with actual industrial temperature, pressure, flow & level measurement & control devices to gain experience in how to set up & troubleshoot a control system.

Tuition: \$1,750.00

Feb 12-16, 2018

July 16-20

Dec 3-7

**PCI-200: Understanding Industrial Process Control/Level Two
Advanced Process Measurement & Control**

Course Description

This 36-hour, 4.5 day training program uses a hands-on approach providing students an in-depth understanding of industrial process measurement & control systems. Participants will learn to apply more comprehensive measurement & control principles, terminology, symbols & documentation standards. In addition students will perform hands-on exercises in which they will build, test, tune & troubleshoot temperature, pressure, flow & level control systems.

Tuition: \$1,750.00

Feb 19-23, 2018

July 23-27

Dec 10-14

2018 KENTUCKY TRAINING CENTER SCHEDULE**PLEASE NOTE:** *Schedule is subject to change without notice***FLUID POWER TRAINING****H-100: Troubleshooting Industrial Hydraulics/Level One****Course Description**

This 32-hour, 4 day training program focuses on industrial hydraulic systems. We place emphasis on understanding the basic hydraulic fundamentals utilized in all industrial hydraulic systems; the participant will learn to effectively to setup, adjust and troubleshoot industrial hydraulic systems. The participant will apply practical hands on exercises for each basic principle covered in the class. These hands on exercises will be executed utilizing real world hydraulic adjustments and calibrations as used in actual systems. We focus heavily on teaching proper safety procedures, and strictly enforce these procedures to assure participants learn and practice safe work habits. ISO 1219 Industrial hydraulic symbology will be taught and used throughout the class. The participant will utilize this symbology throughout the class, and learn from case history hydraulic prints. Proper adjustment procedures for pressure, flow, and directional control valves will be emphasized and applied.

Tuition: \$1,700.00**Scheduled Course Dates**Feb 5-8, 2018
June 4-7
Nov 5-8
Dec 17-20**H-200: Troubleshooting Industrial Hydraulics/Level Two****Course Description**

This 32-hour, 4 day training program focuses on advanced troubleshooting of industrial hydraulic systems using in-plant schematics. The participant will practice hands on troubleshooting skills on our industrial hydraulic trainers. This course is designed to raise the skill level of the hydraulic mechanic to the hydraulic technician level. The participant will calculate proper sizing of hydraulic pumps, actuators, valves, and piping. Hydraulic servo and proportional valve function, operation, terminology, and setting procedures will be covered; a background in electronics is not necessary. Topics covered will also include; pressure intensifiers, air-over-oil, and pressure compensated pumps. ISO 1219 Industrial hydraulic symbology will be used and reinforced. Course can be customized to meet specific client needs, i.e.; researching in-plant equipment specs, updating in-plant schematics, hands on testing preparation, basic electronic control of hydraulic systems, or covering plant specific topics or equipment.

Tuition: \$1,700.00**Scheduled Course Dates**Feb 12-15, 2018
June 11-14
Nov 12-15**PN-100: Introduction to Industrial Pneumatics & Air Logic****Course Description**

This 32-hour, 4 day training program focuses on industrial pneumatics systems. We use proven troubleshooting methods in this course. This course will teach the student to troubleshoot down to the component level. Course does not cover individual component repair. This course provides an introduction to air logic in the forms of; attached Symbology (logic symbols) and detached Symbology (ladder logic)

Tuition: \$1,700.00**Scheduled Course Dates**Feb 26-29, 2018
June 25-28
Nov 26-29

2018 KENTUCKY TRAINING CENTER SCHEDULE

PLEASE NOTE: *Schedule is subject to change without notice*

LEGACY SERIES COURSES

We offer hands-on training on the following legacy control systems, which are not regularly included in our published course schedules. You can obtain training on these products at our Kentucky Training Center or have training delivered on-site. Please contact us for a quote and schedule availability for any of these specialized legacy series courses.

A-800: Allen-Bradley DeviceNet Communications

Tuition: \$1,100.00

Course Description

This 16-hour, 2 day training program 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.

A-650: Allen-Bradley PLC-5/Level Three Analog I/O and PID

Maintenance & Troubleshooting

Tuition: \$1,700.00

Course Description

This 32-hour, 4 day training program is designed to provide engineering and maintenance personnel with a functional understanding of Analog I/O hardware and software and operation of the PID instruction in the Allen-Bradley PLC-5 programmable logic controller. The course consists of hands-on experience utilizing the 1771-IFE, 1771-OFE analog modules and the PLC-5 Programmable Controller.

A-750: Allen-Bradley 550, 600, 1000 & 1400 Non-Enhanced Operator Terminal Editing & Troubleshooting

Tuition: \$1,700.00

Course Description

This 32-hour, 4 day training program provides students with hands-on experience using Allen-Bradley PanelView 300, 550, 600, 900, 1000 and 1400 Operator terminals with the PanelBuilder32 windows based software package. Students receive hands-on experience creating fully functional operator interface applications and downloading the applications to PanelView terminals. Emphasis is placed on interaction of the PanelView and the PLC in an integrated process environment.

MC-200: Allen-Bradley 1336 Plus/Plus II Variable Frequency Motor Drives Maintenance & Troubleshooting

Tuition: \$1,700.00

Course Description

This 32-hour, 4 day training program will provide maintenance electricians and engineers with the required knowledge and skills to install, start-up and troubleshoot Allen-Bradley 1336 Plus AC Drive systems. Emphasis is on using the Human Interface Module and DriveTools software to set and check parameters used in normal operation and for troubleshooting. Students will locate power, signal and control terminals, monitor drive conditions, clear faults and be able to troubleshoot drive and motor problems.

2018 KENTUCKY TRAINING CENTER SCHEDULE

PLEASE NOTE: *Schedule is subject to change without notice*

LEGACY SERIES COURSES

MC-300: Allen-Bradley 1394 GMC Digital Motion Controller
Maintenance & Troubleshooting

Tuition: \$1,700.00

Course Description

This 32-hour, 4 day training program is designed for technicians, electrical maintenance personnel and engineers responsible for installing, troubleshooting and maintaining the Allen-Bradley 1394 GMC Digital Motion Controller. Students will learn the basics of motion control and AC servo drive systems. Using Allen Bradley's GML Commander software, students will be required to setup, tune, program motion, and diagnose 1394 system faults. They will understand hardware variations, power and control wiring, and interface methods for the 1394 GMC Digital Motion Controller family. Hardware and software troubleshooting are heavily emphasized in this course and hands on labs provide real world experience for the individual student.

M-910: Modicon 984/Quantum Family Programmable Controllers/Level One
Maintenance & Troubleshooting

Tuition: \$1,700.00

Course Description

This 32-hour, 4 day training program allows students to gain hands-on experience in the troubleshooting and maintenance of the Modicon 984 family of programmable controllers. Hardware and software troubleshooting are heavily emphasized throughout the training program. Troubleshooting techniques cover interpretation of status indicators, diagnostic messages, error codes and use of the programmable terminal to quickly isolate faults and take proper corrective actions.

M-920: Modicon 984/Quantum Family Programmable Controllers/Level Two
Advanced Maintenance & Troubleshooting

Tuition: \$1,700.00

Course Description


This 32-hour, 4 day training program provides a through introduction to the Advanced instruction and Enhanced instruction set capabilities of the 984 family programmable controllers. Application exercises are used throughout the course to create a hands-on learning environment.

Trademark Acknowledgement Statement

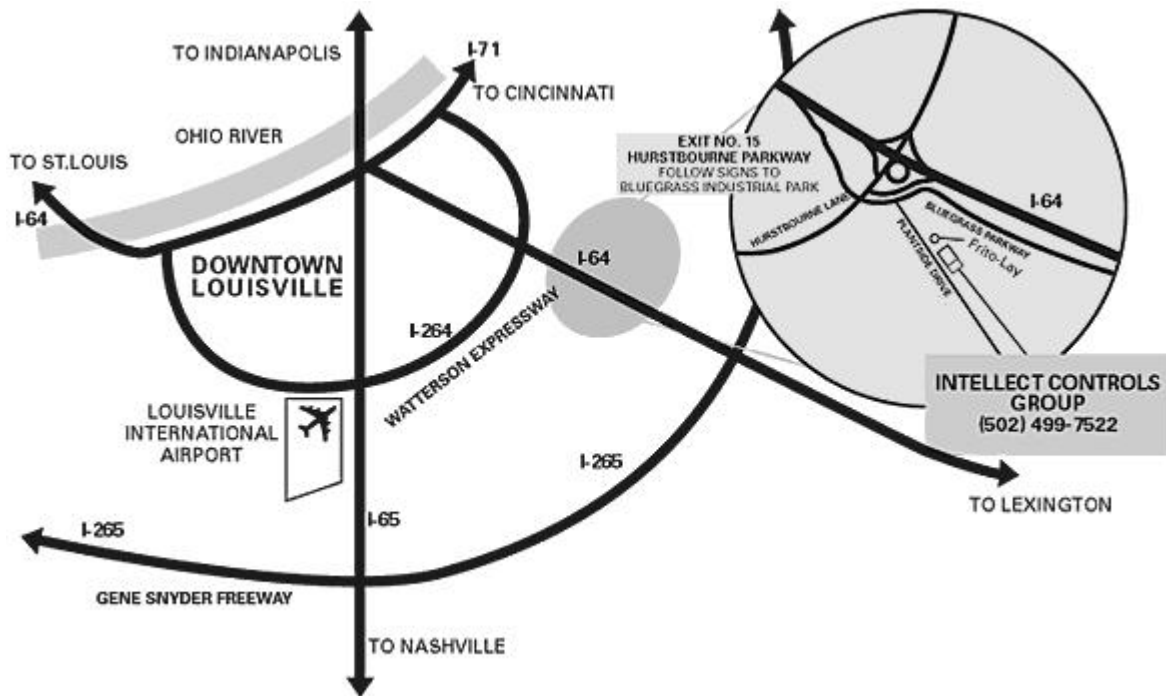
PLC, PLC-5, SLC, SLC-500, RSLogix, RSLogix5, RSLogix500, RSLogix5000, GuardLogix, DriveExplorer, DriveExecutive, PanelView, PanelView Plus, PanelBuilder, ControlNet, RSNetwork, PowerFlex, FactoryTalk View ME, FactoryTalk View SE, Logix 5000, Kinetix, 1394 GMC and Data Highway are trademarks and/or registered trademarks of Allen-Bradley Company, Inc. and/or Rockwell International, Inc. All other brand names and product model names mentioned are trade names, service marks, trademarks or registered trademarks of their respective owners. Intellect Controls Group, Inc. is not associated with any manufacturer mentioned herein and the use of any product names is for descriptive purposes only.

2018 KENTUCKY TRAINING CENTER SCHEDULE

PLEASE NOTE: Schedule is subject to change without notice

2018													
JANUARY							FEBRUARY						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat
	1	2	3	4	5	6	4	5	6	7	8	9	10
7	8	9	10	11	12	13	11	12	13	14	15	16	17
14	15	16	17	18	19	20	18	19	20	21	22	23	24
21	22	23	24	25	26	27	25	26	27	28			
28	29	30	31										
MARCH							APRIL						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat
				1	2	3	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30					
							30						
MAY							JUNE						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat
		1	2	3	4	5						1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9
13	14	15	16	17	18	19	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23
27	28	29	30	31			24	25	26	27	28	29	30
JULY							AUGUST						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat
1	2	3		5	6	7	5	6	7	8	9	10	11
8	9	10	11	12	13	14	12	13	14	15	16	17	18
15	16	17	18	19	20	21	19	20	21	22	23	24	25
22	23	24	25	26	27	28	26	27	28	29	30	31	
29	30	31											
SEPTEMBER							OCTOBER						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat
						1		1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31			
30													
NOVEMBER							DECEMBER						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat
				1	2	3							1
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30		23	24	25	26	27	28	29
							30	31					





Westbound on I-64

- Take 64 West to Exit 15 (Hurstbourne Parkway)
- Take a left at the bottom of the ramp
- Take a left at the next light (Bluegrass Parkway)
- Take a right at the first light (Plantside Drive)
- Turn left into Plantside Plaza, 2205 Plantside Drive, 502-499-7522.

Eastbound on I-64

- Take exit 15, Hurstbourne Parkway and follow signs to the Bluegrass Industrial Park.
- Go straight at the bottom of the ramp.
- Take a right at the first light (Plantside Drive)
- Turn left into Plantside Plaza, 2205 Plantside Drive, 502-499-7522

Notes
