

# Automated Controls - Course Overviews

*Automated Controls Courses can be delivered on-site or at SLCC's Florissant Valley Campus  
(Note: Trainee numbers reflect max capacity with 2 students per PLC)*

Course Title	Time	Contact
<p><b>Introduction to RSLogix5</b> For participants with no prior experience with Allen-Bradley RSLogix5™. This class will provide a firm foundation in the primary functions of the software including creating and saving projects, going online using DH+ communications, editing ladder logic programs, configuring and displaying data tables, and using functions of the program such as search and forcing.</p>	<p>40 hours 12 Trainees</p>	<p><i>Please contact</i> <a href="#"><u>Becky Epps</u></a> Project Manager 314.513.4271 for questions and pricing</p>
<p><b>Intermediate RSLogix5</b> Provides a thorough, hands-on familiarity with the Allen-Bradley RSLogix5 software. There are extensive exercises and opportunities for practice on PLC5 simulators.</p>	<p>40 Hours 12 Trainees</p>	
<p><b>Introduction to ControlLogix w/ RSLogix5000</b> A hands-on overview of the newer Allen-Bradley ControlLogix programmable controller hardware; and the RSLogix5000 Software. This class does not cover motion control instruction sets.</p>	<p>40 hours 12 Trainees</p>	
<p><b>Intermediate ControlLogix w/ RSLogix5000</b> Provides a thorough, hands-on familiarity with RSLogix5000 software and ControlLogix System. This course covers CLX programming and details that allow for optimal use of a ControlLogix system.</p>	<p>40 hours 12 Trainees</p>	
<p><b>PLC5 Communications</b> Communication networks and systems needed by PLCs. The in-depth course covers input and output communications, and PLC5 to PLC5 communications. Hardware and software configuration and connection for each type of communications is covered as well as basic troubleshooting items for each type of communications.</p>	<p>40 Hours 12 Trainees</p>	
<p><b>Ladder Logic Programming</b> For advanced users who want to be able to develop &amp; create PLC-5 programs from scratch. Advanced troubleshooting features of the software and use of Advanced Instructions Sets are included as requested. There are extensive exercises and opportunities for practice on PLC-5 simulators.</p>	<p>40 Hours 12 Trainees</p>	
<p><b>Integrated Troubleshooting</b> This course provides experienced participants with an opportunity to expand their troubleshooting skills with the more advanced and powerful features of PLC-5 software not covered in earlier courses. Extensive opportunities are provided for practice on PLC-5 simulators with complete PLC-5 software programs pre-loaded. It is strongly recommended that the participants provide their own sample programs to make this</p>	<p>40 Hours 12 Trainees</p>	

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course most effective.		
DeviceNet	40 Hours 8 Trainees	
ControlLogix w/ DeviceNet	40 Hours 8 Trainees	
ControlLogix w/ ControlNet	40 Hours 8 Trainees	
CompactLogix w/ DeviceNet	40 Hours 8 Trainees	