

## A-6130

### RS-5000 ControlLogix Structured Text

---

<b><i>Course Description</i></b>	This 16-hour 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.
<b><i>Topical Outline</i></b>	<ul style="list-style-type: none"><li>• Definition of Structured Text</li><li>• Structured Text Routines in ControlLogix</li><li>• ST If...Then Construct<ul style="list-style-type: none"><li>- If...Then Exercise</li></ul></li><li>• ST Case...Of Construct<ul style="list-style-type: none"><li>- Case...Of Exercise</li></ul></li><li>• ST For...Do Construct<ul style="list-style-type: none"><li>- For...Do Exercise</li></ul></li><li>• ST While...Do Construct<ul style="list-style-type: none"><li>- While...Do Exercise</li></ul></li><li>• ST Repeat...Until Construct<ul style="list-style-type: none"><li>- Repeat...Until Exercise</li></ul></li><li>• Structured Text Instructions<ul style="list-style-type: none"><li>- ST Instruction Exercise</li></ul></li><li>• ST Software Utilities</li></ul>
<b><i>Programming Software</i></b>	Training utilizes Rockwell Software RSLogix5000, Microsoft Windows NT, 2000 and XP Software.
<b><i>Prerequisites</i></b>	Students should have successfully completed Intellect Controls Group training program A-6000 or have knowledge equivalent to the course description and be familiar with Windows NT, 2000 or XP software.
<b><i>Course Length</i></b>	2 days/16 hours
<b><i>CEU's</i></b>	1.4
<b><i>Objectives</i></b>	Persons successfully completing this course will be able to: <ul style="list-style-type: none"><li>• Enter Routines using Structured Text</li><li>• Interpret Constructs found in Structured Text</li><li>• Navigate and Troubleshoot Routines using Structured Text</li></ul>