



Course no. 13:
Basic introduction to Allen Bradley PLC/HMI
- Rockwell Automation Studio 5000

Duration : 3 days

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| <p>Target audience</p> | <p>The course is targeting technical personnel / service personnel who is responsible for service and maintenance of PLC/HMI systems from Rockwell Automation / Allen Bradley, and who is looking for a quick introduction to Rockwell Automation programming / service tools.</p> |
| <p>Prerequisites</p> | <p>Basic knowledge regarding automation technology and equipment. User of Windows based PCs.</p> |
| <p>Short description</p> | <p>Basic introduction to Allen Bradley PLC/HMI equipment and related Rockwell Automation Studio 5000 programming tools. The course will focus on Allen Bradley CompactLogix PLCs and PanelView Touch panels. The course will cover topics such as:</p> <ul style="list-style-type: none"> • Introduction to Allen Bradley PLC & HMI equipment • Introduction to Rockwell Automation Studio 5000 design environment • Introduction to Rockwell Automation RSLogix programming for PLCs • Introduction to Rockwell Automation FactoryTalk configuration for HMI-panels • Introduction to addressing of modules/equipment • Configuration of hardware / connections • RSLogix programming examples in LAD • FactoryTalk (For HMI) configuration examples • Programming of small PLC & HMI application • Download & test of configuration & application • Fault finding |
| <p>Objectives</p> | <p>Upon completion of this course the attendant will obtain:</p> <ul style="list-style-type: none"> • Basic understanding of Allen Bradley PLC/HMI equipment and programming tools • Skills in diagnostics and fault finding in RSLogix programs • Skills to download and test minor extensions in Allen Bradley PLC & HMI applications |