

M406 DCI System 6 Composer CTK

Course Description



Course Duration

The duration is 4 days.

Course Goal

Students will be able to effectively use Composer Configuration Tool Kit (CTK) for on-line and off-line configuration and maintenance of DCI System Six systems.

Student Profile

This course is recommended for DCI System 6 support personnel responsible for DCI system software database maintenance and/or responsible for DCI system logic configuration.

Prerequisites and Recommendations

M401 DCI System 6 Standard Configuration course or experience with configuring Controlware II logic using the standard VT terminal emulation tool.

Description

Students will get a short review of DCI Controlware II module functionality and an introduction to S800 IO and related support hardware. Using the tools within Composer CTK, students will learn how to configure these modules, CCL, and all DCI hardware, both on-line and off-line.

Course Objectives

Upon completion of this course, students will be able to:

- Identify S800 IO modules and termination units; perform basic troubleshooting of this hardware.
- Configure Controlware II Modules, CCL logic, Profibus networks, S800 IO, and Harmony DCU3200 hardware using Windows based forms, menus, and graphical tools.
- Maintain a Harmony DCU3200 Database off-line using relational database forms and tools.
- Easily copy, modify, delete, and manage Controlware II module configuration and control logic.
- Use the Tag Manager tool to filter and list all tags meeting user-defined criteria.
- Use Project Table functions to list configuration information for tracking and documenting multiple projects.
- Save time through the use of pre-constructed Function block process loop designs.
- Reduce system downtime by off-line database logic configuration.



Course Calendar

Day 1	Day 2	Day 3	Day 4
<ul style="list-style-type: none"> • DCU Module Review <ul style="list-style-type: none"> • I/O Modules • Continuous Modules • Discrete Modules • Batch Modules • Data Dictionary 	<ul style="list-style-type: none"> • Hardware Hands-on • CTK Features <ul style="list-style-type: none"> • Security • Creating Projects • Hardware Configuration <ul style="list-style-type: none"> • Harmony • Profibus Network • S800 IO • Visual Module Configuration • Tag Manager 	<ul style="list-style-type: none"> • Importing and Exporting <ul style="list-style-type: none"> • ALD files • CSV files • Softwiring Diagrams • Building ALD Files • Loading ALD Files • Starting the DCU • CCL Editor 	<ul style="list-style-type: none"> • On-line Configuration • Data Dictionary • Backup/Restore • Advanced Softwiring • DCU Manager <ul style="list-style-type: none"> • Network Status • DCU Resident Configuration • Individual module and/or function block downloading • On-line Monitoring

