

## CTI Essential Agenda

Our CTI - Essentials of Crestron Programming class is designed to give the Crestron programmer a comprehensive understanding and working knowledge of our SIMPL Windows programming language. When completed, the student will gain the knowledge required to program a Complete Crestron control system. This 3-day course is the primer for all future Crestron Programming requirements and is required to attend Intermediate Crestron Programming and Programming for Certification classes. Essentials of Crestron Programming run 3-days, Tuesday to Thursday from 10:00am to 5:00pm.

### DAY 1: Product Overview

#### First Half

- Greeting / Company Overview
- Product Overview
  - Primary Processors
  - Touchpanels
  - Cards / Network Devices

#### Second Half

- Product Overview
  - Lighting Products
  - Quick Media, MPS series & iMedia
  - Adagio
  - Switchers & Video Processors
  - UPX-2 Annotation System

### DAY 2: VTPro-e

#### First Half

- VTPro-e
- Design/Layout Concepts
- Start Project
- Explain Basic Tools

#### Second Half

- Complete VTPro-e project
- Compiling and uploading touchpanel projects
- View Port & Toolbox

### DAY 3: SIMPL Windows

#### First Half

- SIMPL Windows
- Explain digital logic
- Explain differences between digital/analog/serial signals
- Configuring hardware for program

#### Second Half

- Write program using basic 8 symbols
- IR learning using CNXLIR & WinDeal
- Compiling and uploading SIMPL windows programs
- SIMPL Debugger

## Technical Knowledge Prerequisites

- Complete literacy and fluency in Windows 98 / XP / Vista
- Run / Install programs via CD / DVD drive
- Navigation through Windows Explorer
- Understanding of directory tree structure
- Understandings file extensions, i.e. .bmp, .pcx.

## Minimum Required PC Configuration

- Display setting of “256 Colors” (“High Color (16 bit)” or higher recommended)
- Windows XP / Vista
- 700MHz Pentium 4 w/512MB RAM (1GB recommended)
- 1GB available disk space
- CD/DVD Drive
- Ethernet Card
- External Mouse (recommended)

*For any further information please contact:*

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