

A-750

ALLEN-BRADLEY PanelView 300, 550, 600, 900, 1000 & 1400 Standard Operator Terminal Editing & Troubleshooting

Course Description	<p>This 32 hour training program provides students with hands-on experience using Allen-Bradley PanelView 300, 550, 600, 900, 1000 and 1400 Operator terminals with the PanelBuilder32 windows based software package. Students receive hands-on experience creating fully functional operator interface applications and downloading the applications to PanelView terminals. Emphasis is placed on interaction of the PanelView and the PLC in an integrated process environment.</p>
Topical Outline	<ul style="list-style-type: none">▪ Hardware Types and Configuration:<ul style="list-style-type: none">- PanelView 300 Operator Terminals- PanelView 550 Operator Terminals- PanelView 600 Operator Terminals- PanelView 900 Operator Terminals- PanelView 1000 Operator Terminals (non-enhanced)- PanelView 1400 Operator Terminals (non-enhanced)▪ Establishing DH-485, DH+, RS-232 and Remote I/O Communications, ControlNet, DeviceNet and Ethernet Communications▪ Creating Application Files:<ul style="list-style-type: none">- Tag Editor- Text Editor- Screen Development- Editing▪ Creating and Addressing Screen Objects▪ Uploading/Downloading Files▪ Troubleshooting and Fault Isolation Techniques▪ Alarm Setup▪ Configuration Menu Setup▪ Maintenance Procedures
Prerequisites	<p>Students should have successfully completed Intellect Controls course A-510 (PLC-5/Level One), A-5000 (SLC-500/Level One), A-6000 (ControlLogix/Level One) or have knowledge equivalent to the Course description and have basic experience with Microsoft Windows Operating System. THIS IS NOT AN ENTRY LEVEL TRAINING PROGRAM.</p>
Course Length	32 hours
CEU's	3.0
Objectives	<p>Persons completing this course will be able to:</p> <ul style="list-style-type: none">▪ Identify, interconnect and configure the components of a PanelView 300/550/600/900/1000/1400 and PLC system.▪ Develop, interpret and edit PanelView application programs using the windows based PanelBuilder32 software package.▪ Troubleshoot hardware, communications, process and software faults using indicators, message displays and programming terminal.▪ Perform hardware maintenance on PanelView 300, 550, 600, 900, 1000 and 1400 operator terminals.