

## A-750

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

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<b>Course Description</b>	<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>
<b>Topical Outline</b>	<ul style="list-style-type: none"><li>▪ Hardware Types and Configuration:<ul style="list-style-type: none"><li>- PanelView 300 Operator Terminals</li><li>- PanelView 550 Operator Terminals</li><li>- PanelView 600 Operator Terminals</li><li>- PanelView 900 Operator Terminals</li><li>- PanelView 1000 Operator Terminals (non-enhanced)</li><li>- PanelView 1400 Operator Terminals (non-enhanced)</li></ul></li><li>▪ Configuration Menu Setup</li><li>▪ Maintenance Procedures</li><li>▪ Establishing DH-485, DH+, RS-232 and Remote I/O Communications, ControlNet, DeviceNet and Ethernet Communications</li><li>▪ Creating Application Files:<ul style="list-style-type: none"><li>- Tag Editor</li><li>- Text Editor</li><li>- Screen Development</li><li>- Editing</li></ul></li><li>▪ Creating and Addressing Screen Objects</li><li>▪ Uploading/Downloading Files</li><li>▪ Troubleshooting and Fault Isolation Techniques</li><li>▪ Alarm Setup</li></ul>
<b>Prerequisites</b>	<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>
<b>Course Length</b>	32 hours
<b>CEU's</b>	3.0
<b>Objectives</b>	<p>Persons completing this course will be able to:</p> <ul style="list-style-type: none"><li>▪ Identify, interconnect and configure the components of a PanelView 300/550/600/900/1000/1400 and PLC system.</li><li>▪ Develop, interpret and edit PanelView application programs using the windows based PanelBuilder32 software package.</li><li>▪ Troubleshoot hardware, communications, process and software faults using indicators, message displays and programming terminal.</li><li>▪ Perform hardware maintenance on PanelView 300, 550, 600, 900, 1000 and 1400 operator terminals.</li></ul>