

## SYLLABUS

# EP202 SkyVision Hybrid II Training

## 2012 SYLLABUS

*Instructor: Dale Tallady*

<b>Contact hours:</b>	Monday through Friday 8:30 AM to 5:00 PM (Eastern Standard Time)
<b>Phone:</b>	616-656-6412
<b>E-mail:</b>	<a href="mailto:dtallady@skytron.us">dtallady@skytron.us</a>
<b>Class meetings:</b>	9:00 AM to 5:00 PM
<b>Location:</b>	Skytron Headquarters 5085 Corporate Exchange Blvd. S.E. Grand Rapids, Michigan 49512

### **COURSE REQUIREMENTS:**

**A Laptop with Serial Connection Capability and Skynet access.**

### **COURSE DESCRIPTION:**

SkyVision Hybrid II Service Training (Level 1)

This course will cover basic SkyVision Hybrid II requirements and methods. Attendees will learn about site requirements as well as the overall installation process. Software use and configuration sessions will accompany the training segment and are intended to familiarize the student with installation requirements, set up, service and troubleshooting of the SkyVision Hybrid II system.

### **COURSE OBJECTIVES:**

1. Understand OPI document
2. Understand site requirements
3. Know what tools are required
4. Understand the cable routing documentation
5. Understand what is involved in mounting the rack
6. Understand how to connect cables to the system
7. Have a basic understanding of how the components function together
8. Have a basic understanding of how to test the system
9. Understand how to operate the system

## **COURSE FORMAT:**

This course is taught using a variety of instructional methods including Power Point presentations, class discussions, demonstrations, and hands on adjustments/test procedures.

## **EVALUATION AND GRADING:**

### **Grading standards**

Technical personnel are required to attain a final score of 90% or better to receive accreditation for the SkyVision Hybrid II Series Integration System.

### **SkyVision System**

There will be one exam for the SkyVision Hybrid II training. This test will account for 50% of your grade. Class participation will account for the remaining 50% of your grade.

## COURSE SCHEDULE

Monday	<ul style="list-style-type: none"> <li>• System Description</li> <li>• Site Requirements</li> <li>• Rack Specifications</li> <li>• Network and Ports</li> <li>• Network Bandwidth Requirements</li> <li>• Service Technician Requirements</li> <li>• OPI Document Overview</li> <li>• Conduit/Cable Layout</li> <li>• Arriving Onsite/Site Inspection</li> <li>• Mounting the Rack</li> <li>• Hands on Exercise</li> </ul>
Tuesday	<ul style="list-style-type: none"> <li>• Cable Installation Overview</li> <li>• Source Conversion Box Installation</li> <li>• Cable Termination Overview</li> <li>• System Power-Up</li> <li>• Configuration Tool</li> <li>• Final Test Overview</li> <li>• Xpanel Overview</li> <li>• Engineering Page Navigation</li> <li>• Monitor Setup Engineering Page</li> <li>• Schematic Overview</li> <li>• Pin-out Overview</li> <li>• Hands on Exercise</li> </ul>
Wednesday	<ul style="list-style-type: none"> <li>• AV2 IP Address Procedure</li> <li>• DVPHD IP Address Procedure</li> <li>• PC Network Procedure</li> <li>• Loading AV2 Software</li> <li>• Loading DVPHD Software</li> <li>• AV2 Configuration</li> <li>• DVPHD Configuration</li> <li>• DVPHD Menu Tree</li> <li>• Trouble Shooting Overview</li> <li>• Installation Finalization Procedure</li> <li>• System Warranty Certification Process</li> <li>• Hands on Exercise</li> </ul>
Thursday	<ul style="list-style-type: none"> <li>• Troubleshooting Exercises (Hands on)</li> </ul>
Friday	<ul style="list-style-type: none"> <li>• Exam</li> <li>• Questions</li> <li>• Departure</li> </ul>

