

## **ESTOL311 – Video Set-Up and Calibration**

This course is designed to teach technicians at all levels in the industry about video set-up and calibration. Topics in this course include how to calibrate for brightness/contrast, color/saturation/tint, and the proper gray scale. The course also covers the various tools needed to perform calibrations such as an oscilloscope, vector scope and wave form monitor, luminance meter, and various test patterns.

Interactive simulations in this online course provide a “hands-on” experience for the student.

### **Course Objectives:**

- Perform video level adjustments to ensure the best possible brightness, contrast, color, and gray scale
- Explain the "color of white" concept and apply it to video calibration
- Choose the proper tool or test pattern in order to ensure a properly calibrated display
- Outline the specific steps for video signal set-up and gray-scale calibration

### **Recommended Prerequisite:**

EST203 Electrical and Electronic Test Equipment