



ESTW251 Video Display Technologies for Installers

The purpose of this course is to educate participants on the current display technologies, describe their resolution and contrast ratio and explain their compatibility with the standard driver sources. This course instructs participants on display mounting considerations and techniques including power, wiring, safety precautions, height, viewing angle and component neatness.

Topics include how to account for human and environmental factors impacting the design and placement of video displays and creative solutions to challenging video display situations.

Upon completion of this course, participants should be able to:

- Describe the human and environmental factors to consider in the design, selection and installation of video display systems
- List available display types (CRT, LCD, Plasma, and DLP) and identify the resolution performance of each
- Justify display selection based on criteria such as resolution, size, black levels, motion artifacts, altitude and light
- Explain how resolution and contrast ratio impacts the choice of display driver
- Explain mounting considerations and techniques for display installation
- Identify appropriate power, wiring, height and viewing angles to customize layout requests
- Approach challenging layout requests with confidence and creativity