

Overview

ACI, as the National Center of Excellence for Electronics Manufacturing, is proud to offer a program to help electronics manufacturers ensure the high quality, productivity, and efficient production by ensuring their workers can correctly apply the acceptability criteria of IPC/WHMA-A-620.

The objective of the course is to teach correct application of the standard, which defines acceptability criteria for crimped, mechanically secured and soldered interconnection and the corresponding lacing/restraining criteria associated with cable and harness assemblies. Students that complete the program, by demonstrating the ability to correctly apply the accept / reject criteria in the standard, will be issued IPC Application Specialist Certificates.

Who Should Attend

- ◆ Supervisors, technicians, operators, inspectors and manufacturing personnel who are responsible for the assembly and inspection of wire and cable harness assemblies.

Course Content

- ◆ Cable and wire dimensioning, tolerances and preparation
- ◆ Crimp terminations
- ◆ Stamped and formed contacts
- ◆ Ultrasonic welding
- ◆ Soldered terminations
- ◆ Splices
- ◆ Connectorization
- ◆ Molding and potting
- ◆ Marking and labeling
- ◆ Co-ax and twin-ax assembly
- ◆ Wire bundle securing
- ◆ Shielding
- ◆ Installation
- ◆ Wire wrap (solderless)

Benefits

- ◆ Certification demonstrates commitment to customer requirements and facilitates quality assurance initiatives.

Duration

- ◆ Modular program can be adjusted to fit your needs.

Registration

Contact the EMPF Learning Center at:
phone: 610-362-1320
email: registrar@empf.org
www.empf.org

