

# IPC-A-610 CIT/Instructor

*Certification, Recertification and Challenge Test*



ISO 9001:2015  
CERTIFIED

## Overview

The IPC-A-610 is an indispensable criterion necessary to achieve the highest quality productivity in electronics manufacturing and inspection. This course was developed to ensure workers can correctly apply the acceptability standards taught here. The program provides industry recognized credentials that represent an understanding of IPC-A-610. After completion of the course students will have the ability to make correct accept/reject decisions for the appropriate class level of production. Attendees will also receive the materials necessary to conduct Application Specialist training.

## Who Should Attend

Trainers and quality supervisors versed in electronics assembly and manufacturing, engineering and quality supervisors with electronic assembly responsibilities should attend this course.

## Content

- Applicable Documents
- Component Damage
- Discrete Wiring Acceptability Requirements
- Forward, Scope and Purpose of the IPC A-610
- Handling Electronic Assemblies
- Hardware Installation
- High-Voltage Soldering
- Instructor Skills/Presentations
- Printed Circuit Boards and Assemblies
- Soldering Acceptability Requirements
- Surface Mount Assemblies
- Terminal Connections
- Through-Hole Technology

## Benefits

Upon successful completion, students will receive a certificate valid for two years, a CIT Instructor Student Manual, IPC-A-610 (current revision), a copy of the IPC-T-50 and a DVD-ROM which includes certification and recertification visual presentations and IPC-A-610 Instructor Guide for training Certified IPC Specialists.

## Duration, Registration and Pricing

Contact the training center via any of the methods provided below for pricing.

- Certification .....4 days
- Recertification .....2 days
- Challenge Test.....1 day



ACI Technologies, Inc. • phone: 610.362.1200 • web: [www.aciusa.org](http://www.aciusa.org)  
Training Center • phone: 610.362.1295 • email: [registrar@aciusa.org](mailto:registrar@aciusa.org)  
Helpline • phone: 610.362.1320 • email: [helpline@aciusa.org](mailto:helpline@aciusa.org)