

IPC-A-610 ACCEPTABILITY OF ELECTRONIC ASSEMBLIES TRAINING & CERTIFICATION

Tuesday, February 19 – Friday, February 22, 2019

NTS Anaheim

Monday, March 11 – Thursday, March 14, 2019

NTS Baltimore

Monday, July 16 – Thursday, July 19, 2019

NTS Baltimore

Tuesday, August 20 – Friday, August 23, 2019

NTS Anaheim

Monday, November 11 – Thursday, November 14, 2019

NTS Baltimore

TRAINING AND CERTIFICATION FOR IPC'S MOST WIDELY USED STANDARD!

*Registration closes two (2) weeks ahead of each class!**

Training can also be performed at your location or at an NTS facility in your area!

If interested, please contact ipctraining@nts.com.

WHO IS THIS COURSE FOR?

This course is designed for anyone along the PCB/PCA supply chain – manufacturers, suppliers, OEM's, etc. – that is associated with the quality and / or reliability of electronic assemblies.

COURSE DETAILS

Registration Fees

\$1,995 per student for CIT training

\$1,495 per student for CIS training

Locations

NTS Anaheim, 1435 Allec Street, Anaheim, CA 92805

(714) 999-1616

NTS Baltimore, 5 North Park Drive, Hunt Valley, MD 21030

(410) 584-9099

**Classes subject to cancellation due to minimum class size.*

REGISTER TODAY!

To reserve your seat visit www.nts.com/event-calendar

Or you can contact ipctraining@nts.com

CONTACT INFORMATION

Baltimore Training Center

William Graver

(410) 229-4372

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Anaheim Training Center

Russell Shepherd

(714) 999-1616

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WHAT'S INCLUDED

- Hard copy of IPC-A-610 (CIT only)
- Downloadable copy of IPC-A-610 (CIT only)
- IPC Certificate upon successful completion
- Snacks, refreshments, and lunch each day

OVERVIEW

This is a four-day course with the curriculum broken down as follows, depending on the level chosen:

<i>Certified IPC Trainer (CIT)</i>			
DAY 1	DAY 2	DAY 3	DAY 4
S-1 Introduction	S-5 Terminal Connections	S-7 Thru Hole Tech. (con't)	S-11 High Voltage
S-2 Foreword & Documents	S-6 Printed Circuit Boards	S-8 Surface Mount Assemblies	S-12 Instructor Skills
S-3 Hardware	S-7 Thru Hole Technology	S-9 Component Damage	S-13 Admin Responsibilities
S-4 Soldering		S-10 Discrete Wiring	S-14 Testing
			Course Review
			Testing

<i>Certified IPC Application Specialist (CIS)</i>			
DAY 1	DAY 2	DAY 3	DAY 4
Module 1-A Introduction	Module 4 Soldering	Module 6 Thru Hole Tech.	Testing
Module 1-B Policies & Procedures	Module 5 Terminal Connections	Module 7 Surface Mount Assemblies	
Module 2 Foreword & Documents	Module 8 Component Damage & PCB's/PCA's	Module 9 Solderless Wire Wrap	
Module 3 Hardware Installation			

ABOUT THE INSTRUCTOR(S)



William Graver

Mr. William Graver has over 30 years of experience in the PCB and PCA manufacturing industry. Currently, Mr. Graver is a Senior Analyst at NTS's facility in Hunt Valley, MD (NTS-Baltimore).

His main areas of focus are PCB/PCA Failure Analysis and IPC training, for which Mr. Graver holds the following certifications:

- MIT (Master IPC Trainer) IPC-A-600
- MIT (Master IPC Trainer) IPC-A-610
- MIT (Master IPC Trainer) IPC-6012
- MIT (Master IPC Trainer) IPC/WHMA-A-620



Russell Shepherd

Mr. Russell Shepherd has over 30 years of experience in the PCB test industry along with over 20 years of training experience. Currently, Mr. Shepherd is the Operations Manager at NTS's

facility in Anaheim, CA (NTS-Anaheim) and in addition to his decades of test and training experience, Mr. Shepherd is also the chair of IPC's Flexible Circuits Test Methods and Microsection committees and is the vice chair of IPC's SIR/ECM and CAF task groups. Currently, Mr. Shepherd also holds the following certifications:

- MIT (Master IPC Trainer) IPC-A-600
- MIT (Master IPC Trainer) IPC-6012

