

## IPC-7711B/7721B CIT Certification Course Schedule

Hour	Day 1	Day 2	Day 3	Day 4	Day 5
1	<b>S-1 Lecture</b> 0.5 hr. Welcome and Introductions	<b>S-9 Lab</b> 2.5 hrs. Through-hole	<b>S-14 Demo</b> 0.5 hr. SOIC/SOT	<b>S-20 Lab Continued</b> 0.5 hr. J-Lead	<b>S-27 Lecture</b> 0.5 hr. IG & Conformal Coating
	<b>S-2 Lecture</b> 1.0 hr. Policies and Procedures				<b>S-15 Lab</b> 2.0 hrs. SOIC/SOT
2	<b>S-3 Lecture</b> 2.0 hrs. IPC-7711B/7721B Part I Common Procedures	<b>S-10 Lecture</b> 1.0 hr. Chip & MELF	<b>S-16 Demo</b> 0.5 hr. QFP	<b>S-22 Demo</b> 0.5 hr. Laminate Repair	<b>S-29 Lab</b> 1.0 hr. Conformal Coating
3	<b>S-4 Lecture</b> 0.5 hr. Wire Splicing	<b>S-11 Demo</b> 0.5 hr. Chip & MELF	<b>S-17 Lab</b> 2.5 hrs. QFP	<b>S-24 Lecture</b> 0.5 hr. PWB Circuit Repair	<b>S-31 Lecture</b> 1.0 hr. Comprehensive Review
4	<b>S-6 Lab</b> 1.0 hr. Wire Splicing	<b>S-7 Lecture</b> 1.0 hr. Through-hole	<b>S-18 Lecture</b> 0.5 hr. J-Lead	<b>S-26 Lab</b> 3.5 hrs. PWB Circuit Repair	<b>S-32</b> 2.0 hrs. Testing & Test Review
5	<Instructor's optional time>	<b>S-13 Lecture</b> 1.0 hr. Gull Wing Lead	<b>S-20 Lab</b> 1.5 hr. (Lab continues next day) J-Lead	<Instructor's optional time>	<b>S-33 Lecture</b> 0.5 hr. Admin Responsibilities of a CIT Graduation
6					
7					
8					

**IPC-7711B/7721B  
CIT Recertification Course Schedule**

Hr	Day 1 Morning		Day 1 Afternoon	Hr		Hr	Day 2 Morning		Day 2 Afternoon	Hr
<b>1</b>	<b>S-1 Lecture</b> <b>0.25 hr</b> Welcome and Introductions	0.25	<b>S-7 Lab</b> <b>1.0 hr</b> Through-Hole	<b>5</b>		<b>1</b>	<b>S-12 Lecture</b> <b>0.5 hr</b> J-Lead	0.25	<b>S-17 Testing</b> <b>2.5 hr</b>  Open Book Test  Closed Book Test  Written Test Reviews  Graduation	<b>5</b>
	<b>S-2 Lecture</b> <b>0.75 hr</b> Policies and Procedures	0.25						0.25		
		0.25					<b>S-13 Lab</b> <b>0.5 hr</b> J-Lead	0.25		
		0.25						0.25		
<b>2</b>	<b>S-3 Lecture</b> <b>1.75 hrs</b> Common Procedures	0.25	<b>S-8 Lecture</b> <b>0.5 hr</b> Chip & MELF	<b>6</b>		<b>2</b>	<b>S-14 Lecture</b> <b>1.25 hrs</b> PCB Circuit Repair and Laminate Repair	0.25		<b>6</b>
		0.25						<b>S-9 Lab</b> <b>0.5 hr</b> Chip & MELF		
		0.25	<b>S-10 Lecture</b> <b>0.5 hr</b> Gull-Wing Lead							
		0.25						<b>S-11 Lab</b> <b>1.5 hrs</b> Gull-Wing Lead		
<b>3</b>	<b>S-4 Lecture</b> <b>0.25 hr</b> Wire Splicing	0.25	<b>S-11 Lab</b> <b>1.5 hrs</b> Gull-Wing Lead	<b>7</b>		<b>3</b>	<b>S-15 Lab</b> <b>1.25 hr</b> PCB Circuit Repair and Laminate Repair		0.25	<b>S-18 Lab</b> <b>1.5 hrs</b> Make-up Lab
		0.25						0.25		
		0.25						0.25		
<b>4</b>	<b>S-5 Lab</b> <b>0.5 hr</b> Wire Splicing	0.25	<b>S-11 Lab</b> <b>1.5 hrs</b> Gull-Wing Lead	<b>8</b>		<b>4</b>		0.25		<b>8</b>
		0.25						<b>S-16 Lecture</b> <b>0.5 hr</b> Comprehensive Review		
	<b>S-6 Lecture</b> <b>0.5 hr</b> Through-Hole	0.25								
		0.25						0.25		

**IPC-7711B/7721B  
CIS Certification Course Schedule  
Modules 1 - 5**

Hour	Module 1 Policy and Procedures Common Procedures	Module 2 Wire Splicing	Module 3 Through-Hole Components	Module 4 Chip & MELF Components	Module 5 Gull Wing Components
1	<b>Lecture</b> 1.0 hr Welcome/Introduction Policies & Procedures	<b>Lecture</b> 1.0 hr Wire Splicing	<b>Lecture</b> 1.0 hr Through-Hole	<b>Lecture</b> 1.0 hr Chip & MELF	<b>Lecture</b> 1.5 hrs Gull Wing SOIC/SOT
2	<b>Lecture</b> 3.0 hrs Common Procedures  M-1 Review	<b>Demo</b> 0.5 hr Wire Splicing	<b>Demo</b> 0.5 hr Through-Hole	<b>Demo</b> 0.5 hr Chip & MELF	<b>Demo</b> 1 hr Gull Wing SOIC/SOT
		<b>Lab</b> 1.5 hrs Wire Splicing	<b>Lab</b> 3.5 hrs Through-Hole	<b>Lab</b> 3.0 hrs Chip & MELF	
3					<b>Lab</b> 2.0 hrs Gull Wing SOIC/SOT
4					
5	<b>Testing</b> 1.0 hr Open Book Exam/Review 1.0 hr.				
6					<b>Demo</b> 0.5 hr Gull Wing QFP
7					<b>Lab</b> 3.0 hrs Gull Wing QFP
8					

**IPC-7711B/7721B  
CIS Certification Course Schedule  
Modules 6-9**

Hour	Module 6 J-Lead Components	Module 7 PCB Circuit Repair	Module 8 Laminate Repair	Module 9 Conformal Coating
1	Lecture 0.5 hr J-Lead	Lecture 1.0 hr PCB Circuit Repair	Lecture 0.5 hr Laminate Repair	Lecture 0.5 hr Conformal Coating
	Demo 0.5 hrs J-Lead		Demo 0.5 hr Laminate Repair	Demo 0.5 hr Conformal Coating
2	Lab 3.5 hrs J-Lead	Demo 1.0 hr PCB Circuit Repair	Lab 3.0 hrs Laminate Repair	Lab 2.0 hrs Conformal Coating
		Lab 5.0 hrs PCB Circuit Repair		
3				
4				
5				
6				
7				
8				

## IPC-7711B/7721B CIS Recertification Course Schedule

### Modules 1 – 5

Hour	Module 1 Policy and Procedures Common Procedures	Module 2 Wire Splicing	Module 3 Through-Hole Components	Module 4 Chip & MELF Components	Module 5 Gull Wing Components
1	Lecture 1.0 hr Welcome/Introduction Policies & Procedures	Lecture 0.5 hr Wire Splicing	Lecture 0.5 hr Through-Hole	Lecture 0.5 hr Chip & MELF	Lecture 1.0 hrs Gull Wing Components
		Lab 0.5 hrs Wire Splicing Lab	Lab 1.0 hrs Through-Hole Lab	Lab 1.0 hrs Chip & MELF Lab	
2	Lecture 2.0 hr Common Procedures				Lab 2.5 hrs Gull Wing Components Lab
3					
4		Testing 1.0 hr Open Book Exam/Review 1.0 hr.			

### Modules 6 – 9

Hour	Module 6 J-Lead Components	Module 7 PCB Circuit Repair	Module 8 Laminate Repair	Module 9 Conformal Coating
1	Lecture 0.5 hr J-Lead	Lecture 0.5 hr PCB Circuit Repair	Lecture 0.5 hr Laminate Repair	Lecture 0.5 hr Conformal Coating
	Lab 0.5 hrs J-Lead Lab	Lab 1.5 hr PCB Circuit Repair Lab	Lab 1.0 hr Laminate Repair	Lab 1.0 hr Conformal Coating
2				