

**IPC-7711C/7721C**  
**CIS Certification/Recertification Course Schedule**  
**(All modules course time 32.5 Hrs)**

Hour		Module 1 (Required)		Module 2 Wire Splice	Module 3 Coating	Module 4 Through Hole
		Total: 6 hours		Total: 3 hours	Total: 2 hours	Total: 5.25 hours
1	0.25	Intro Lecture 0.5 hr. Welcome and Introductions	<b>Additional&gt; Modules&gt;</b>	M2 – Lecture 0.5 hrs. Wire Splices	M3 – Lecture 0.75 hr. Coating Removal	M4 – PTH Lecture .75 hr. Through Hole
	0.25					
	0.25	P&P Lecture 1.5 hr. Policies and Procedures		M2 – Demo/Lab 2.5 hrs. Wire Splice	M3-Demo/Lab 1.25 hr. Coating Removal	M4 – Demo/Lab 4.5 hr. Through Hole
	0.25					
0.25	Lecture 3.0 hrs. Common Procedures					
0.25						
0.25						
0.25						
2	0.25	Open Book Exam 1.0 hr				
	0.25					
	0.25					
	0.25					
3	0.25					
	0.25					
	0.25					
	0.25					
4	0.25					
	0.25					
	0.25					
	0.25					
5	0.25					
	0.25					
	0.25					
	0.25					
6	0.25					
	0.25					
	0.25					
	0.25					
7	0.25					
	0.25					
	0.25					
	0.25					
8	0.25					
	0.25					
	0.25					
	0.25					

## IPC-7711C/7721C

### CIS Certification/Recertification Course Schedule (Additional Modules Continued)

Hour		Module 5 Chip/Melf	Module 6 Gull Wing	Module 7 J-Lead	Module 8 BGA	Module 9 Laminate Repair	Module 10 Circuit Repair
		<b>Total: 3.25 hours</b>	<b>Total: 5 hours</b>	<b>Total: 2 hours</b>	<b>Total: .5 hours Lecture</b>	<b>Total: 2 hours</b>	<b>Total: 3.5 hours</b>
<b>1</b>	0.25	M5 – Lecture .75 hr. Chip and MELF	M6 – Lecture 1.0 hr. Gull Wing (SOT, SOIC, D-Pak, QFP)	M7 – Lecture .5 hr. J-Lead	M8 – Lecture .5 hr. BGA	M9 – Lecture .5 hr. Laminate Repair	M10 – Lecture .75 hr. Circuit Repair
	0.25			M5 – Demo/Lab 2.5 hr. Chip and MELF			
	0.25	M6 – Demo/Lab 4.0 hr. Gull Wing (SOT, SOIC, D-Pak, QFP)			M10 – Demo/Lab 2.75 hr. Circuit Repair		
	0.25						
<b>2</b>	0.25						
	0.25						
	0.25						
<b>3</b>	0.25						
	0.25						
	0.25						
<b>4</b>	0.25						
	0.25						
	0.25						
<b>5</b>	0.25						
	0.25						
	0.25						
<b>6</b>	0.25						
	0.25						
	0.25						
<b>7</b>	0.25						
	0.25						
	0.25						
<b>8</b>	0.25						
	0.25						
	0.25						

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

Hour	Day 1	Day 2	Day 3	Day 4	Day 5
1	M1-Intro Lecture 0.5 hr. Welcome and Introductions	M3 – Lecture 0.75 hr. Coating Removal		M7 – Lecture .5 hr. J-Lead	M11 – Lecture .75 hr. Instructor Skills
2	M1-P&P Lecture 1.5 hr. Policies and Procedures	M3-Demo/Lab 1.25 hr. Coating Removal	M5 – Demo/Lab 2.5 hr. Chip and MELF	M7 – Demo/Lab 1.5 hr. J-Lead	GENERAL REVIEW .5 hr
3		M4 – PTH Lecture .75 hr. Through Hole			M8 – Lecture .5 hr. BGA
4		M1 – Lecture 3.0 hrs. Common Procedures		M6 – Lecture 1.0 hr. Gull Wing (SOT, SOIC, D-Pak, QFP)	M9 – Lecture .5 hr. Laminate Repair
5					M9 – Lab/Demo 1.5 hr. Laminate Repair
6	M2 – Lecture 0.5 hrs. Wire Splices	M4 – Demo/Lab 4.5 hr. Through Hole	M6 – Demo/Lab 4.0 hr. Gull Wing (SOT, SOIC, D-Pak, QFP)	M10 – Lecture .75 hr. Circuit Repair	
7	M2 – Demo/Lab 2.5 hrs. Wire Splice				M10 – Demo/Lab 2.75 hr. Circuit Repair
8		M5 – Lecture .75 hr. Chip and MELF	<<Additional Time as needed>>		<<Project Completion Additional Time As Needed>>

**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>M1 - Intro</b> 0.25 hr Welcome and Introductions	0.25	<b>M3 – Lab</b> 0.5 hr Coating Removal	<b>5</b>	<b>1</b>	<b>1</b>	<b>M9 – Lecture</b> 0.5 hr. Laminate Repair	0.25	<b>M6 – Lab (Cont)</b> 1.5 hr Gull Wing (SOT, SOIC, D-Pak, QFP)	<b>5</b>
	<b>M1 – P&amp;P</b> 0.75 hr Policies and Procedures	0.25						<b>M4 – Lecture</b> 0.5 hr Through Hole		
		0.25	0.25							
		0.25					0.25			
<b>2</b>	<b>M1 - Lecture</b> 1.75 hrs Common Procedures	0.25	<b>M4 – Lab</b> 1.5 hr Through Hole	<b>6</b>	<b>2</b>	<b>2</b>	<b>M10 – Lecture</b> .75 hr. Circuit Repair	0.25	<b>M7 – Lecture</b> 0.5 hr J-Lead	<b>6</b>
		0.25						<b>M7 – Lab</b> 0.75 hr J-Lead		
		0.25								
		0.25								
		0.25								
		0.25								
<b>3</b>	<b>M2 - Lecture</b> 0.25 hr Wire Splicing	0.25	<b>M5 – Lecture</b> 0.5 hr Chip and MELF	<b>7</b>	<b>3</b>	<b>3</b>	<b>M10 – Demo/Lab</b> 1.5 hr. Circuit Repair	0.25	<b>Open and Closed Book Exam</b>	<b>7</b>
		0.25								
<b>4</b>	<b>M2 – Lab</b> 0.5 hr Wire Splicing	0.25	<b>M5 – Lab</b> 1.0 hr Chip and MELF	<b>8</b>	<b>4</b>	<b>4</b>	<b>M6 – Lecture</b> 0.5 hr Gull Wing (SOT, SOIC, D-Pak, QFP)	0.25	<b>Open and Closed Book Exam</b>	<b>8</b>
		0.25								
	<b>M3 – Lecture</b> 0.5 hr Coating Removal	0.25					<b>M6 – Lab</b> 1.5 hr Gull Wing (SOT, SOIC, D-Pak, QFP)	0.25		
		0.25						0.25		