

## IPC/WHMA-A-620D Certified IPC Specialist (CIS) Certification/Recertification Course Overview & Schedule

Module 1 (Mandatory)	Module 2	Module 3	Module 4	Module 5	Module 6	Module 7	Module 8
Course Introduction General (Section 1) Applicable Doc. (Section 2) Preparation (Section 3) Measuring (Section 11) Testing (Section 19) ~ 3.5 hrs.	Crimp Terminations (Section 5) Insulation Displacement Connections (IDC) (Section 6) ~ 2.5 hrs.	Soldered Terminations (Section 4) High Voltage (Section 20) ~ 2.75 hrs.	Connectorization (Section 9) Over-Molding/Potting (Section 10) ~ 2.0 hr.	Ultrasonic Welding (Section 7) Splices (Section 8) ~ 1.5 hr.	Marking/Labeling (Section 12) Securing (Section 14) Finished Assembly Installation (Section 17) ~ 2.5 hrs	Coaxial and Biaxial Cable Assemblies (Section 13) ~ 1.5 hr.	Harness/Cable Electrical Shielding (Section 15) Cable/Wire Harness Protective Coverings (Section 16) ~ 1.5 hr.
Open Book Exam	Open Book Exam	Open Book Exam	Open Book Exam	Open Book Exam	Open Book Exam	Open Book Exam	Open Book Exam
HANDS-ON MODULES - OPTIONAL							
H1 – Prep (requires M1)	H2 – Crimp (requires M1 & M2)	H3 – Soldered Term (requires M1 & M3)	H4 – Connectorization (requires M1, M2, & M4)	H5 – Splices (requires M1 & M5)	<b>Hands-on in H1</b>	H6 – Coax (requires M1 & M7)	<b>Hands-on in H1</b>
H1 Wire Preparation Measuring Shielding Testing	H1 Wire Preparation Measuring Shielding Testing	H1 Wire Preparation Measuring Shielding Testing	H1 Wire Preparation Measuring Shielding Testing	H1 Wire Preparation Measuring Shielding Testing		H6 Coax	
	H2 Crimp Terminations	H3 Soldered Terminations	H2 Crimp Terminations	H5 Splices			
			H4 Connectorization				

## IPC/WHMA-A-620D Certified IPC Trainer Course Schedule - Certification

DAY 1		
Module	Topic	Hour
Intro	Introduction	0.25
1	General (Section 1) and Applicable Documents (Section 2)	2.5
2	Preparation (Section 3)	0.75
3	Soldered Terminations (Section 4)	3.0
<b>Total Day 1</b>		<b>6.5</b>

DAY 2		
Module	Topic	Hour
4	Crimp Terminations (Section 5)	2.0
5	Insulation Displacement (IDC) (Section 6)	1.0
6	Ultrasonic Welding (Section 7)	0.5
7	Splices (Section 8)	1.5
8	Connectorization (Section 9)	1.5
<b>Total Day 2</b>		<b>6.5</b>

DAY 3		
Module	Topic	Hour
9	Over-Molding/Potting (Section 10)	1.5
10	Measuring Cable Assemblies and Wires (Section 11)	0.5
11	Marking/Labeling (Section 12)	0.75
12	Coaxial and Biaxial Cable Assemblies (Section 13)	2.0
13	Securing (Section 14)	0.75
14	Harness/Cable Electrical Shielding (Section 15)	1.0
<b>Total Day 3</b>		<b>6.5</b>

DAY 4		
Module	Topic	Hour
15	Cable/Wire Harness Protective Coverings (Section 16)	0.5
16	Finished Assembly Installation (Section 17)	1.25
17	Testing (Section 19)	0.5
18	High Voltage (Section 20)	0.25
	Testing/Review	4.0
<b>Total Day 4</b>		<b>6.5</b>

DAY 5 OPTIONAL HANDS-ON		
Module	Topic	Hour
H1	General/Preparation/Marking	1.5
H2	Crimp Terminations	1.0
H3	Soldered Terminations	1.0
H4	Connectorization	0.5
H5	Splices	1.25
H6	Shielding/Securing/Covering	1.0
H7	Coaxial Cable	1.5
	Final Inspection	0.25
<b>Total Day 5</b>		<b>8</b>

## IPC/WHMA-A-620D Certified IPC Trainer

### Course Schedule – Recertification

DAY 1		
Module	Topic	Hour
	Introduction/Course Overview	0.25
1	General (Section 1) and Applicable Documents (Section 2)	1.0
2	Preparation (Section 3)	0.5
3	Soldered Terminations (Section 4)	1.0
4	Crimp Terminations (Section 5)	1.0
5	Insulation Displacement (IDC) (Section 6)	0.75
6	Ultrasonic Welding (Section 7)	0.25
7	Splices (Section 8)	0.75
8	Connectorization (Section 9)	0.75
9	Over- Molding/Potting (Section 10)	0.75
10	Measuring Cable Assemblies and Wires (Section 11)	0.25
11	Marking/Labeling (Section 12)	0.25
	<b>Total Day 1</b>	<b>7.5</b>

OPTIONAL HANDS-ON		
Module	Topic	Hour
H1	General/Preparation/Marking	1.5
H2	Crimp Terminations	1.0
H3	Soldered Terminations	1.0
H4	Connectorization	0.5
H5	Splices	1.25
H6	Shielding/Securing/Covering	1.0
H7	Coaxial Cable	1.5
	Final Inspection	0.25
	<b>Total</b>	<b>8</b>

DAY 2		
Module	Topic	Hour
12	Coaxial and Biaxial Cable Assemblies (Section 13)	1.0
13	Securing (Section 14)	0.5
14	Harness/Cable Electrical Shielding (Section 15)	0.5
15	Cable/Wire Harness Protective Coverings (Section 16)	0.5
16	Finished Assembly Installation (Section 17)	0.5
17	Testing (Section 19)	0.25
18	High Voltage (Section 20)	0.25
	Testing/Review	4.0
	<b>Total Day 2</b>	<b>7.5</b>