

**IPC/WHMA-A-620A Training and Certification Program  
Certified IPC Application Specialist (CIS) Course Syllabus**

Module	Title	Duration
<b>1 (Mandatory)</b>	IPC Professional Policies and Procedures Forward (Section 1) Cable/Wire Preparation (Section 3) Measuring Cable Assemblies and Wires (Section 11) Testing Cable Assemblies (Section 19)	4.5 hours 3.25 hours lecture 1.25 hours testing 30 open-book questions
2 (Optional)	Crimp Terminations (Section 5) Insulation Displacement Connections (IDC) (Section 6)	3.5 hours 2.5 hours lecture 1 hour testing 20 open-book questions
3 (Optional)	Soldered Terminations (Section 4)	3.25 hours 2.75 hours lecture 0.75 hours testing 15 open-book questions
4 (Optional)	Connectorization (Section 9) Molding/Potting (Section 10)	2.5 hours 1.75 hours lecture 0.75 hours testing 15 open-book questions
5 (Optional)	Splices (Section 8)	1 hour 0.5 hour lecture 0.5 hour testing 20 open-book questions
6 (Optional)	Marking and Labeling (Section 12) Wire Bundle Securing (Section 14) Shielding (Section 15) Cable/Wire Harness Protective Coverings (Section 16)	4 hours 3.25 hours lecture 0.75 hours testing 20 open-book questions
7 (Optional)	Coaxial and Twinaxial Cable Assemblies (Section 13)	3.25 hours 2.5 hours lecture 0.75 hours testing 13 open-book questions
8 (Optional)	Solderless Wire Wrap (Section 18)	1 hour 0.5 hour lecture 0.5 hour testing 10 open-book questions
	<b>Total:</b>	<b>20.25 hours</b>

After successful completion of Mandatory Module 1, Optional Modules 2-8 may be taught in any order at any time during the two-year certification period.