

The Electronics Group – Innovative Working

Course title	IPC/WHMA A-620: Requirements and Acceptance for Cable and Wire Harness Assembly
Courses description and target audience	All Printed Circuit Boards (PCBs) need to be connected to something else via a cable or a wire harness of some description. This course will teach delegates acceptable and unacceptable cable and wire harnessing within an electronics assembly. Faulty cables can be among the hardest items to diagnose, but passing this course will teach you all you need to know to achieve good cabling and wire harnessing, as well as demonstrating a good commitment to your customers requirements.
Delivery method and duration	3 (CIS) / 4 (CIT) Days online or classroom-based course
Course start dates	Various

Course title	IPC A-610 Acceptability of Electronic Assemblies CIS / CIT.
Courses description and target audience	This course is the staple for electronics inspection and quality staff. During the 610 course you will learn about the acceptance criteria for electronic assemblies. Aimed at anyone who needs to understand soldering standards, passing this course will allow you to understand the difference between good, bad, and acceptable soldered joints for components soldered to Printed Circuit Boards (PCBs). CIS level is suitable for anyone, and CIT for those wishing to become a trainer within the 610 Standard.
Delivery method and duration	3 (CIS) / 4 (CIT) Days online or classroom-based course
Course start dates	Various

Course title	IPC J-STD-001: Requirements for Soldering Electrical and Electronic Assemblies
Courses description and target audience	Written in conjunction with the IPC A-610, the J-STD-001 describes the materials, methods, and verification criteria for producing high-quality soldered assemblies. As a worldwide standard, working in line with IPC J-STD-001 might be the only way to win a new contract or get products certified for specific industries. This course would only be suitable for delegates with knowledge and experience of soldering. To learn soldering from scratch, EGL has other courses available.
Delivery method and duration	4 (CIS) / 5 (CIT) Days classroom/workshop only – no remote option
Course start dates	Various

Course title	IPC 7711/7721: Rework, Repair, and Modification of Electronic Assemblies
Courses description and target audience	This course will allow companies to stop wasting money by scrapping assemblies and start repairing them. This course is for experienced staff with good soldering skills. Manufacturers and Assemblers who want to realise dramatic cost saving benefits will benefit by learning how to rework, repair, and modify electronic assemblies. Not suitable for beginners. Good soldering skills needed before attempting this course.
Delivery method and duration	4 (CIS) / 5 (CIT) Days classroom/workshop only – no remote option
Course start dates	Various