

# IPC -7711/7721

## Rework, Modification & Repair of Assemblies



MARQ-ONE

The **IPC-7711/7721** certification is internationally recognised as the standard for modifying, reworking, and repairing electronic assemblies. This course equips your team with the specialist skills needed to reduce scrap, extend product life, and improve repair precision across all product classes.

### WHY IT MATTERS



Eliminates scrap through proper repair techniques



Extends the life & reliability of electronic assemblies



Builds in-house expertise to reduce repair outsourcing

### WHO IT'S FOR

- Rework Operators
- Manufacturing Engineers
- Repair Engineers
- Quality Inspectors

*Best suited to those already experienced with soldering, electronics assembly, and component handling. This course is not for beginners.*

### COURSE FORMAT



Duration: 3 days  
Subject to any re-sits



Multiple Choice  
Exam + Practical  
Assessment



Certificate Valid  
for 2 years



*This course was great for learning new methods and trying different equipment. The clear and concise explanations of the course material were most helpful, and the rework and repair practical meant I could try out techniques I was not too familiar with.*



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## COURSE OVERVIEW

**Module 1:** Common Procedures - Mandatory

**Module 2:** Wire Splicing

**Module 3:** Conformal Coating

**Module 4:** Through-Hole Components

**Module 5:** Chip and MELF Components

**Module 6:** Gull Wing Lead Components

**Module 7:** J-lead Components

**Module 8:** BGAs/LGAs/BTC

**Module 9:** Laminate Repair

**Module 10:** Circuit Repair

Delegates should be confident in soldering and familiar with PCB assemblies prior to attending.



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**IPC-7711/7721** training combines practical and theoretical learning to build operator confidence in rework and repair.

Your team will learn to remove and replace damaged components, restore solder joints, and repair PCBs with precision, using the correct tools and industry-standard methods.

READY TO  
RAISE YOUR  
STANDARDS?  
**BOOK NOW**

