At the end of this workshop you will be able to:

- Recognise and efficiently troubleshoot common electronic component and circuit problems
- Demonstrate the construction and operation of common electronic components
- Utilise common electronic terminology
- Effectively apply the principles of analog meters, digital meters and oscilloscopes
- Identify electronic component symbols
- Identify components and read their values
- Implement procedures for the testing of electronic components
- Confidently carry out simple repair procedures for the correction of faults on printed circuit boards

OBJECTIVES:

WHO SHOULD ATTEND:

- Those who wish to be able to multi-skill into electronics
- Maintenance technicians, electricians, foremen and engineers
- All engineering, operations or management personnel who are directly or indirectly involved with electronics controls
- Those involved with the installing, programming, maintaining and purchasing of electronic control equipment
- Those who want to improve their understanding and capabilities in electronic technology
- Those involved with sales and installation of electronic products into industry
The Practical Troubleshooting of Electronic Circuits workshop will teach you how to recognise and efficiently troubleshoot common electronic component and circuit problems. The workshop will give you a solid understanding in common electronic terminology and symbols, as well as the construction and operation of common electronic components. The general troubleshooting process is explained followed by a brief study of various hand tools and electronic test and measuring instruments. You will learn to implement procedures for the testing of electronic components as well as carry out simple repair procedures for the correction of faults on printed circuit boards with confidence.

This is a practical, hands on workshop enabling participants to work through practical exercises which reinforce the concepts discussed during the workshop.

Contact us for a FREE proposal.