Electronic Circuits & Troubleshooting

Date	Venues	($)Fees	Book your seat
11 Feb -15 Feb 2024	Kuala Lumpur	3300	Register Now

Course Overview:

- Electronics is the foundation for understanding and using computers, cars, music, and wireless communications. As you build and explore the many hands-on projects, you will learn about DC, AC, and semi-conductors. Projects such as amplifiers, speakers, radio remote, robots, and much more will be used. This class will prepare you to become a knowledgeable user of technology and give you the skills needed to troubleshoot and repair most electronic devices.

Course Objective:

- Identifying main components of Electronics curriculum that are built around the following main study categories; Safety, DC Circuits, AC Circuits, Semiconductor Circuits, and Digital Circuits

Who Should Attend?

- This course is aimed at Electrical technician engineers and craftsmen who wish to extend their Electrical. This course includes the dangers of electricity, electronic principles, and relevant electronic legislation and regulations. There is a significant amount of practical exercise on this course involving disconnection and reconnection of various motors

Course Outline:

- Demonstrate And Apply Personal Safety In The Electronics
- Identify, Calculate, Construct, And Troubleshoot Fundamental Ac And Dc Circuits
- Demonstrate Appropriate Test Equipment Selection
- Identify, Calculate, Construct, And Troubleshoot Basic Power Supply Systems
- Identify, Calculate, Construct, And Troubleshoot Analog Systems And Circuits
- Identify, Calculate, Construct, And Troubleshoot Digital Systems And Circuits
- Demonstrate Self-Management, Professionalism, And Interpersonal Skills
- Demonstrate Career Exploration Skills

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation

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