



Warwick Arts Centre, University of Warwick,
Gibbet Hill Rd, Coventry CV4 7AL
Friday 2nd August - Saturday 3rd August 2024
Start Time: 10.00am
Cost: £360 +VAT for Members
£463 +VAT Non-Members



**PROMOTING
TECHNICAL
EXCELLENCE**

📍 22 Charing Cross
Road, London,
WC2H 0QL

☎ 0207 242 9200

🌐 www.abtt.org.uk

ELECTRONICS FUNDAMENTALS 1 & 2 - 2 day course



What is the Electronics Fundamentals 1 & 2 course?

The Electronics Fundamentals 1 & 2 course is a two day course which forms part of the Silver Award for Stage Technicians. This can be taken as a stand alone two day course or as part of the five day Silver Stage Award.



What does the course cover?

Electronics Fundamentals 1:

This course teaches basic electronic theory and soldering skills, aimed specifically at the entertainment industry. The course covers passive components, basic semiconductor components as well as some simple circuits using these components. Some common power components and fuses will also be covered.

Topics covered: Kirchoff's Laws, AC/DC, power, energy, Ohm's Law, resistor networks, capacitor networks, inductors, transformers, switches and electronic switches, potential divider circuits, passive filters, impedance, diodes & LEDs, AC rectification, fuses, MCBs, RCDs, soldering.



Electronics Fundamentals 2:

This course builds on the topics covered in part 1. More complex semiconductor components will be covered and circuits using these components, as well as some discussion of sensors and actuators. Boolean logic will be covered, and how this can be applied to practical circuits. Topics covered: sensors and actuators, transistors, op-amps, 555 timers, microprocessors and development boards, power supplies, analogue and digital electronics, Boolean logic.

How do I apply?

To apply for the course, simply fill in the form below and return to the ABTT Office via email on admin@abtt.org.uk.

Please be aware that your course place will not be secured until full payment or purchase order has been received.





Course Costs:

£360 + VAT for ABTT Members
£463 + VAT for Non - Members

ELECTRONICS FUNDAMENTALS 1 & 2 - 2 day course



**PROMOTING
TECHNICAL
EXCELLENCE**

0207 242 9200

www.abtt.org.uk

admin@abtt.org.uk

CPD TRAINING REGISTRATION FORM Course Date:

2nd August and 3rd August 2024

Please complete the application below:

Name:

Membership No:

Address:.....

.....

..... **Postcode:**

Telephone Number:

Email:

Please indicate what relevant experience you have, if any:

.....

Please indicate if you require any assistance during the course e.g dyslexia/disability etc.:

.....

.....

To be invoiced please fill in all the information below:

Name:

Purchase Order No:

Address:.....

.....

Accounts Email:.....

Postcode:

To pay by credit card please call the office on 0207 242 9200 and we we happily assist.

Please complete and return with your remittance to admin@abtt.org.uk

