

TRAINING

Safety Through Knowledge

SUMMER SCHOOL 2014

A week of Technical Theatre Training

**Warwick Arts Centre
University of Warwick, Gibbet Hill Road,
Coventry, CV4 7AL**

**Monday 28 July – Saturday 2 August
Start time each day 10.00am**



Web: www.abtt.org.uk
Tel: 020 7242 9200
Email: office@abtt.org.uk

SILVER Certificated* Award for *Theatre Stage Electricians* *Your Passport to Safety*

SILVER courses are open to successful BRONZE Award candidates.

- **Work at height with PPE**
This is intended as an introduction to working at height in the entertainment industry. The module includes methods and best practice in using personal protective equipment for working at heights. Its aim is to impart knowledge using PPE when working at height and an understanding of the Work at Height Regulations.
- **Electronics Fundamental 1**
The course covers basic electrical/electronic theory and soldering skills, culminating in the analysis and assembly of a battery powered impedance continuity tester. The course covers Voltage, current, power, resistors, OHMS Law, sine wave, square waves, alternating current, direct current, capacitors, inductors, fuses, MCBs, ECB, ELCB, diodes and transistors.
- **Electrical Inspection and Testing**
This course teaches how to interpret the legislation and codes of practice when testing electrical installations. The objective is the understanding of the requirements of BS 7671 IEE Wiring Regulations 17th Edition and Electricity at Work Act 1989. Contents include continuity, insulation resistance, polarity, earth fault loop impedance, and residual current device testing. It also covers Inspection and Testing Certification.
- **Electrical Installation Part 1 & 2**
This course considers circuit design in relation to theatre and studio. The objectives are to highlight potential problems with cabling installations and how to choose and install the correct cable run. The course content includes cable types, current capacities, voltage drop, length of run, trunking, cable tables, BS 7671 IEE Wiring Regulations 17th Edition and use of drawings in theatre. **Part 2** deals with the new requirements of BS7909: 2011 - The Code of Practice for Temporary Electrical Systems for Entertainment and Related Purposes as used in range of theatres, broadcasting and events. The Standard outlines the necessary management arrangements and the required range of electrical supplies, heavy-duty flexible cables and make up of portable distribution units needed.
- **Portable Appliance Testing**
The course will set out systems to organise the portable appliance testing of theatre electrical equipment and for theatre electricians to comply with the Electricity at Work Regulations for inspection & testing of portable appliances. The course includes visual inspection and electrical testing; testing periods; record keeping; managing the system of inspection and testing; selection of suitable testing instruments. Following on from the recent Löfstedt Report, the course reflects the widely misunderstood requirement to carry out inspection annually, regardless of equipment, type, usage or environment, and the need to 'risk assess' the requirement for inspections and test. The course also covers the use of hired equipment, examining where responsibilities lie with reference to the hire company and the hirer.

Followed by Silver Award Electrical Test

** Royal Conservatoire of Scotland accreditation*

NB: All payments are non-refundable; please contact ABTT as soon as possible if you anticipate any problems in attending the course for which you have booked and we shall do our utmost to assist you in finding a suitable opportunity to participate in the training you desire.



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BOOKING FORM

The cost of this Award is £720 + VAT added at the current rate

(The cost includes RCS certification, copies of relevant ABTT Codes of Practice & Training Log book)

Individual should enclose a deposit of £100 made payable to THEATRICAL TRADING LTD to reserve my place on this course. [Note your place cannot be confirmed without a deposit]

Name:

ABTT Membership No:

Address:

.....

Telephone Number:

Email:

Accommodation information yes No (*please tick*)

- To secure a place on the SILVER AWARD for *Theatre Stage Electricians* course please do one of the following;

TO PAY BY CHEQUE:

I enclose a cheque for the full amount of.....(inc VAT) to be made payable to: *THEATRICAL TRADING LTD*.

TO BE INVOICED: (Purchase Order Number is essential otherwise we cannot process)

Name & address of Organisation to be invoiced if different from above:

Name:

Address:

Purchase Order No:

TO PAY BY CREDIT CARD:

I agree for the full amount of(inc VAT) to be deducted from my account

Type of CardName on Card.....

Credit Card Number:

Expiry Date: **Sec Code** (last 3 digits): **Issue No:** (Debit Card Only)

Please complete and return with your remittance to:
ABTT, Fourth Floor, 55 Farringdon Road, London, EC1M 3JB
Marked: ABTT Training/SILVER – Theatre Stage Electricians