




Warwick Arts Centre, University of Warwick,
Gibbet Hill Rd, Coventry CV4 7AL
28th July - 1st August 2025
10.00am - 5pm approx.



**PROMOTING
TECHNICAL
EXCELLENCE**

22 Charing Cross
Road, London,
WC2H 0QL

 www.abtt.org.uk

SILVER AWARD THEATRE SOUND TECHNICIANS

ABTT is now offering the Silver Certificated Award for Sound Technicians:

What is the Silver Award for Stage Technicians?

The Silver Award is a five day course which gives candidates more in-depth knowledge and understanding of best practice in Theatre Sound Engineering. It allows candidates to specialise further and validate experience in a specific area whilst progressing on from the Bronze Award.

Who can do the course?

Candidates wanting to pursue the Silver Award for Sound Technicians should have gained the knowledge and skills covered by the Bronze Award prior to considering undertaking this course.

How is the course structured?

The course is split in to five sections, these include:

1. In-Service Inspection & Testing of Electrical Equipment (IET)
2. Sound Essentials
3. Advanced Sound
4. Communications
5. Electronics Fundamentals Part 1
6. Electronics Fundamentals Part 2

The training is followed by the Silver Award Test.

What is covered on the course?

Courses 1: In-Service Inspection & Testing of Electrical Equipment (IET): The course describes 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 and selection of suitable testing instruments.

Course 2: Sound Essentials: covers the important theoretical knowledge that a competent sound technician needs to understand. Topics include: understanding the fundamentals of sound; making the right connections; gain structure; signal to noise ratio; loudspeaker impedance; microphone types and a brief introduction to digital theory.

Course 3: Advanced Sound: covers the more advanced theoretical and practical skills that a sound technician requires. Topics include: sound wave theory; digital theory; MIDI; harmonic series; acoustics; reverberation time and Haas effect. Different styles of sound system plans will be examined and there will be a practical exercise using a computerised playback system. The course will also look at the knowledge required to design sound systems for musical theatre. Aspects discussed will be: different approaches to using microphones and loudspeakers; the use of radio microphones and in-ear monitoring; the effect that the venue acoustics will have on the sound and the part that the audience plays in the process

Course 4: Communications: The good sound technician needs to be proficient in sound communication systems used today. The Award looks at the different types of communication systems used in theatre to keep the show running reliably. The course discusses: wired headsets systems; show relay and paging; cue lights; CCTV; analogue and digital

Course 5 & 6 : Electronics Fundamentals part 1 & 2: teaches basic electronic theory and soldering skills as it relates to the entertainment industry. The course covers passive components and circuits, Kirchoff's Laws, AC & DC, power, energy, Ohms Law, impedance, protective devices and rectification. Part 2 introduces active and semiconductor components and integrated circuits. By exploring some of the circuits within dimmers, lighting and sound control systems, operational amplifiers, power supplies and filter circuits are covered. The course also covers digital electronics and the conversion from/to analogue systems.



Course Costs:

£896 + VAT for ABTT Members

£1019 + VAT for Non - Members



**PROMOTING
TECHNICAL
EXCELLENCE**

www.abtt.org.uk

admin@abtt.org.uk

SILVER AWARD THEATRE SOUND TECHNICIANS REGISTRATION FORM

Course Date: 28th July - 1st August 2025

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.:

.....

.....

Please can you provide us with an emergency contact:

Emergency Contact Name and number:.....

Please tick this box if you agree to your data being used in relation to your training application

To be invoiced please fill in all the information below:

Name: **Purchase Order No:**

Address:.....

.....

Accounts Email:..... **Postcode:**

To pay by credit card please email admin@abtt.org.uk and we we happily assist. Please complete

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

@THEABTT