

Calibration and Supervision of Maintenance of
Equipment in Biomedicine

Sydney (Australia)

12 - 16 May 2025

UK Traininig

PARTNER



Calibration and Supervision of Maintenance of Equipment in Biomedicine

Code: HM28 From: 12 - 16 May 2025 City: Sydney (Australia) Fees: 5400 Pound

Introduction

This course offers comprehensive training in the calibration and oversight of biomedical equipment maintenance. Participants will develop the essential knowledge and hands-on skills needed to ensure equipment operates efficiently and safely within healthcare settings. The program encompasses foundational concepts of equipment calibration, preventative maintenance, troubleshooting techniques, and supervisory practices for effective team management.

Course Objectives

- Grasp the principles and importance of biomedical equipment calibration and maintenance.
- Create and execute effective maintenance schedules.
- Oversee maintenance teams, ensuring adherence to safety regulations.
- Diagnose and resolve common equipment issues and perform necessary repairs.
- Maintain thorough documentation for calibration and maintenance activities.

Course Outlines

Day 1: Introduction to Biomedical Equipment and Calibration Fundamentals

- Overview of biomedical equipment usage in healthcare.
- Importance of calibration for accuracy and reliability.
- Understanding measurement standards and calibration techniques.
- Introduction to calibration instruments and tools.
- Review of relevant regulatory standards and guidelines.

Day 2: Preventive Maintenance Approaches

- Developing a comprehensive preventive maintenance strategy.
- Identifying typical maintenance problems and their root causes.
- Structuring maintenance schedules and timelines.
- Analyzing factors that impact equipment longevity and performance.
- Case studies showcasing preventive maintenance in practice.

Day 3: Supervisory Skills for Biomedical Equipment Maintenance

- Defining the role and responsibilities of a maintenance supervisor.
- Training and managing maintenance personnel.
- Ensuring adherence to safety and quality protocols.
- Effective communication and collaboration with healthcare teams.



- Monitoring team performance and compiling reports.

Day 4: Troubleshooting and Repairing Biomedical Equipment

- Basic troubleshooting techniques for common equipment issues.
- Approaches for fault diagnosis and repair processes.
- Conducting post-repair calibration and adjustments.
- Practical, hands-on troubleshooting exercises with specific equipment.
- Emergency maintenance strategies and protocols.

Day 5: Documentation and Compliance

- Best practices for recording calibration and maintenance efforts.
- Ensuring compliance with national and international standards.
- Utilizing electronic records and equipment management software.
- Auditing and reviewing maintenance and calibration documentation.
- Final course assessment and program conclusion.



Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Anney (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)
(Netherlands)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



Blackbird Training Cities

USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

Africa



Baku (Azerbaijan)
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne (Australia)
(Indonesia)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Pulau Ujong (Singapore)



Jakarta



Amman (Jordan)



Beirut (Lebanon)



Blackbird Training Cities

Asia



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients



UK Training
PARTNER



Blackbird Training Categories

Management & Admin

Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



BLACKBIRD
FOR TRAINING



International House 185 Tower Bridge
Road London SE1 2UF United Kingdom



+44 7401 1773 35
+44 7480 775526



Sales@blackbird-training.com



www.blackbird-training.com

UK Training

PARTNER

