

## Calibration and Supervision of Maintenance of Equipment in Biomedicine

*Kuala Lumpur (Malaysia)*

*27 April - 1 May 2026*

UK Traininig

# PARTNER



# Calibration and Supervision of Maintenance of Equipment in Biomedicine

Code: HM28 From: 27 April - 1 May 2026 City: Kuala Lumpur (Malaysia) Fees: 4900 Pound

## Introduction

This comprehensive Biomedical Equipment Calibration and Maintenance course is designed to equip participants with the essential skills and knowledge required for ensuring the accuracy, reliability, and safety of medical equipment. Participants will gain hands-on experience in calibration, preventive maintenance, troubleshooting, and supervisory techniques to manage maintenance teams effectively.

The program covers the definition of calibration, its importance in biomedical equipment maintenance, and the requirements of biomedicine to ensure compliance with industry standards. Attendees will also explore best practices for equipment maintenance services and the role of biomedical equipment maintenance technicians in healthcare settings.

## Course Objectives

By the end of this course, participants will:

- Understand calibration's meaning and its role in biomedical equipment maintenance.
- Apply equipment calibration techniques to ensure device accuracy and reliability.
- Develop structured schedules for preventive maintenance of equipment.
- Supervise maintenance teams and ensure compliance with industry regulations.
- Diagnose and repair common issues in medical equipment maintenance and repair.
- Maintain proper documentation of calibration and maintenance activities.

## Course Outlines

### Day 1: Introduction to Biomedical Equipment and Calibration

- Overview of biomedical equipment maintenance in healthcare.
- The importance of calibration in ensuring equipment accuracy and safety.
- Understanding what is calibration and measurement standards.
- Introduction to calibration instruments and techniques.



- Review of industry regulations and compliance standards.

## Day 2: Preventive Maintenance Strategies

- Developing an effective preventive maintenance program.
- Identifying common equipment maintenance issues and root causes.
- Creating structured maintenance schedules and checklists.
- Understanding factors that impact equipment maintenance services.
- Case studies on successful biomedical equipment maintenance programs.

## Day 3: Supervisory Skills in Biomedical Equipment Maintenance

- Roles and responsibilities of a supervision maintenance professional.
- Training and managing biomedical equipment maintenance technicians.
- Ensuring compliance with safety and quality protocols.
- Effective communication and collaboration in biomedical equipment management.
- Monitoring team performance and generating reports.

## Day 4: Troubleshooting and Repair Techniques

- Common troubleshooting techniques for biomedical equipment maintenance.
- Fault diagnosis and medical equipment maintenance and repair procedures.
- Performing post-repair calibration adjustments.
- Hands-on troubleshooting exercises with specific equipment.
- Emergency maintenance strategies and risk management.

## Day 5: Documentation and Compliance

- Best practices for recording calibration and maintenance activities.
- Compliance with national and international biomedicine requirements.
- Utilizing electronic record-keeping for biomedical equipment maintenance.

- Auditing and reviewing equipment maintenance documentation.
- Final assessment and certification review.

## Why Attend this Course? Wins & Losses!

- Gain expertise in what is biomedicine and its role in biomedical equipment maintenance.
- Learn industry best practices in supervision maintenance and compliance.
- Master calibration techniques to ensure equipment functionality.
- Develop leadership skills for biomedical equipment maintenance technicians.
- Acquire hands-on training in equipment maintenance services.
- Get insights into advanced biomedicine and emerging healthcare technologies.

## Conclusion

A well-structured biomedical equipment maintenance program is essential for ensuring the efficiency and safety of medical devices in healthcare environments. This course provides participants with the technical expertise required for calibration, troubleshooting, and supervision maintenance, aligning with international best practices.

Join this course to advance your knowledge in biomedical equipment maintenance and become a certified expert in the field!





# Blackbird Training Cities

## Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)  
(Switzerland)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich



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)

### ASIA



Baku (Azerbaijan)  
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne (Australia)  
Korea



Phuket (Thailand)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Seoul (South)



Pulau Ujong (Singapore)



Irbid (Jordan)



Jakarta (Indonesia)



Amman (Jordan)



Beirut





## Blackbird Training Cities

### AFRICA



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



MANNAI Trading  
Company WLL,  
Qatar



Alumina Corporation  
Guinea



Booking.com  
Netherlands



Oxfam GB International  
Organization,  
Yemen



Capital Markets  
Authority,  
Kuwait



Waltersmith Petroman Oil Limited  
Nigeria



Qatar National Bank  
(QNB),  
Qatar



Qatar Foundation,  
Qatar



AFRICAN UNION ADVISORY  
BOARD ON CORRUPTION,  
Tanzania



KFAS  
Kuwait



Reserve Bank of  
Malawi,  
Malawi



Central Bank of Nigeria  
Nigeria



Ministry of Interior  
Kingdom of Saudi Arabia  
KSA



Mabruk Oil Company  
Libya



Saudi Electricity  
Company,  
KSA



BADAN PENGELOLA  
KEUANGAN Haji,  
Indonesia



NATO  
Italy



ENI CORPORATE  
UNIVERSITY,  
Italy



Gulf Bank  
Kuwait



المؤسسة العامة للتأمينات الاجتماعية  
General Organization for  
Social Insurance  
KSA



Defence Space Administration  
Nigeria



National Industries  
Group (Holding),  
Kuwait



Hamad Medical  
Corporation,  
Qatar



USAID  
Pakistan



STC Solutions,  
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS  
UN.



هيئة تنظيم الكهرباء - عمان  
Authority for

UK Training  
**PARTNER**





## Blackbird Training Categories

### Management & Admin

Entertainment & Leisure  
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

Artificial Intelligence (AI)  
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



 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

