



## Medical Equipment Maintaining cardiovascular equipment

We deliver highly practical training for **biomedical** engineers relating to the safety, servicing and performance verification of a range of equipment including **electro-cardiovascular**, **ventilation** and **anaesthesia**.

### Is this course for you?

The course is ideally suited for those with basic knowledge in biomedical engineering and medical instrumentation. This course is designed to bridge the gaps that often occur between academic knowledge and skills with the requirements of the actual work place. Learners will gain a good grasp of the physiology related to cardiovascular equipment. This will enable them to be confident and fully understand the principles of operation of the equipment. The course will enable learners to perform all the required maintenance, safety testing and performance testing of cardiovascular related equipment.

### Course aim

To provide delegates with a good understanding of cardiovascular related equipment, its operating principles, applications and maintenance procedures.

### Objectives

- Describe cardiovascular related equipment used in a medical environment
- Explain the physiology related to cardiovascular equipment
- List main hazards associated with cardiovascular equipment
- Describe the principle of operation of the various cardiovascular equipment
- Perform maintenance, safety testing and performance testing on ECG Recorders, Defibrillators, BP Monitors and SPO2 monitors using the appropriate test tools

50+ years of world-class training