

Unit 5 – Award in Servicing Ventilation Equipment



3 Days with E-learning (previously 5 Days)

- Organisational and safety requirements
- Health and safety
- Workshop procedure
- Introduction to theatre protocols
- Respiration physiology
- Boyle's gas laws
- Patient circuits
- Patient connections
- Ventilators - ICU & Transport
- CPAP and BIPAP machines
- Ancillary ventilator equipment
- Dedicated test equipment

Objectives

On successful completion of this unit the learner will be able to:

- Understand the principles of ventilation.
- Understand Boyle's Gas Laws.
- Understand and be able to describe all relevant and current legislative and statutory requirements relating to the unit.
- Understand the physiology relating to the unit.
- Understand the principles and operation of all equipment relating to this unit.
- Test unit equipment to the latest standard using dedicated test equipment.
- Practice basic fault-finding techniques.
- Carry out device testing procedures.

Candidates successfully completing this unit will receive the "Award in Servicing Ventilation Equipment" as accredited and awarded by the Open College Network West Midlands (UK).