



Qualification:	Electrotechnical Apprenticeship
Level:	3
Duration:	4 Years
Date/s:	September - July
Location:	Pembrokeshire College and the Workplace
Cost:	No Cost

COURSE CONTENT:

EAL 1605 Level 3 Diploma in Electrical Installations

Candidates will receive regular site visits from a Work-based Learning Assessor who will monitor and assess progress through the qualification framework.

College-based Units

Health and Safety

Environmental Legislation

Work Practices and Procedures

Planning and Procedures for Preparation and Installation

Planning and Selection of Electrical Equipment

Principles of Termination and Connection

Principles of Inspection and Testing

Principles of Fault- finding

Principles of Design

Work-based Units

Applying Health and Safety and Working Practices

Applying Environmental Legislation and Practices

Organising the Work Environment

Planning, Preparing and Installing Wiring Systems

Terminating and Connecting Conductors, Cables and Cords

Inspecting, Testing and Commissioning Electrical Installations

Diagnosing and Correcting Electrical Faults

Electro-technical Occupational Competence (AM2)

ENTRY REQUIREMENTS:

Pembrokeshire College provides excellent up to date training for apprentices employed within the electro-technical sector.

Applicants must be employed as apprentices to undertake this qualification and must have completed the Foundation Apprenticeship programme or have achieved a full Electrotechnical Certificate and Essential Skills at Level 2.

Entry will be by interview only with an Electrical Department Tutor or Assessor.

Course Assessment

Continuous assessment, multiple choice exams plus written and practical assignments during the two years at college.

NVQ review and assessment throughout the Work-based performance units.

Throughout the course, emphasis is placed on theory and practical work and acquiring practical skills to develop skills required for the workplace

Course Text Book

Trevor Linsley – 'Basic Electrical Installation Work'

Trevor Linsley – Advanced Electrical Installation Work

Essential Equipment

Stationery and Scientific Calculator

Personal Protective Equipment for workshop activities:

Steel Toe-capped Boots/ Shoes and a Lab Coat or Overalls.

BS7671: 2008 IET Wiring Regulations.

IET 17th Edition. On-site Guide.

PROGRESSION OPPORTUNITIES:

Successful learners may wish to study the following programmes:

- EAL Level 3 BS7671 IET Wiring Regulations
- EAL Level 3 Certificate in Initial Verification and Certification
- EAL Level 3 Certificate in the Periodic Testing and Certification of Electrical Installations

There is also an opportunity to study Health and Safety or Management qualifications to Levels 5 and 7 respectively

Electrical Qualifications Progression *

