



C&G 2357 Level 3 NVQ Diploma in Installing Electro-technical Systems and Equipment (Part-Time)

These qualifications are designed to provide new entrants and those seeking progression in their career, with the opportunity to develop the necessary skills to carry out job roles and responsibilities associated with the installation and maintenance of Electrotechnical systems.

Who are they for?

This qualification is available at Level 3 only, which is the level that the Electrotechnical industry recognises learners as having achieved the competence required to carry out the role

This level is ideal if you've worked in the industry for some time. You have plenty of experience, and you want to develop your skills further, perhaps to move into a management role.

You choose one of two specialist pathways:

- Electrical maintenance
- Electrical installation (buildings and structures)

To complete these qualifications, you will cover topics including:

- Health and Safety legislation
- Principles of planning and selection for the installation of electro technical equipment and systems
- Fault finding

Note: You will need a current copy of the BS7671:2018 Electrical Wiring Regulations and Onsite Guide

What will learners be able to do?

The qualifications contribute knowledge, understanding, and practical skills regarding Installing Electrotechnical Systems and Equipment. Once candidates have learnt the required skills and knowledge they will demonstrate their occupational competence in the workplace within this qualification.

Coleg Afan	01639 648200	Afan College
Coleg Bannau Brycheiniog	01686 614400	Brecon Beacons College
Coleg Castell-nedd	01639 648000	Neath College
Coleg Y Drenewydd	01686 614200	Newtown College



Course Details

Technical Certificate Units

Year 1:

Unit 601 Understanding Health and Safety legislation, practices and procedures (installing and maintaining electrotechnical systems and equipment)

Unit 602 Understanding environmental legislation, working practices and the principles of environmental technology systems

Unit 603 Understanding the practices and procedures for overseeing and organising the work environment (Electrical Installation)

Unit 604 Understanding the principles of planning and selection for the installation of electrotechnical equipment and systems in buildings, structures and the environment

Unit 605 Understanding the practices and procedures for the preparation and installation of wiring systems and electrotechnical equipment in buildings, structures and the environment

Year 2:

Unit 606 Understanding the principles, practices and legislation for the termination and connection of conductors, cables and cords in electrical systems

Unit 607 Understanding principles, practices and legislation for the inspection, testing, commissioning and certification of electrotechnical systems and equipment in buildings, structures and the environment

Unit 608 Understanding the principles, practices and legislation for diagnosing and correcting electrical faults in electrotechnical systems and equipment in buildings, structures and the environment

Unit 609 Understanding the electrical principles associated with the design, building, installation and maintenance of electrical equipment and systems

NVQ Units

Year 2 & 3

Unit 311 Applying Health and Safety legislation and working practices (installing and maintaining electrotechnical systems and equipment)

Unit 312 Applying environmental legislation, working practices and the principles of environmental technology systems

Unit 313 Overseeing and organising the work environment (electrical installation)

Unit 315 Planning, preparing and installing wiring systems and associated equipment in buildings, structures and

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the environment

Unit 316 Terminating and connecting conductors, cables and flexible cords in electrical systems

(Unit 317 Inspecting, testing, commissioning and certifying electrotechnical systems and equipment in buildings, structures and the environment

Unit 318 Diagnosing and correcting electrical faults in electrical systems and equipment in buildings, structures and the environment

AM2 Unit 399 Electrotechnical occupational competence

STUDY MODE

PT

LOCATION

Newtown College - 01686 614200

COURSE LENGTH

Total 3 years: 2 years one day a week in college, 1 year in a work placement

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