



REDCAR &
CLEVELAND
COLLEGE

Redcar & Cleveland College
Corporation Road
Redcar TS10 1EZ

T: 01642 777189
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www.cleveland.ac.uk

AWARD IN REQUIREMENTS FOR ELECTRICAL INSTALLATION

**LEVEL 3
EAL (BS7671:2008)**

WHO SHOULD ATTEND

This qualification is primarily aimed at practising electricians with relevant experience and other allied professionals, eg surveyors, consultants and other trades needing to update and enhance their understanding of IET Wiring Regulations 17th ed incorporating amendment one (2011).

It is also suitable for anyone wishing to demonstrate an understanding of the IET 17th Edition Wiring Regulations (BS 7671).

COURSE CONTENT

Part 1

- Scope
- Object and effects
- Fundamental principals

Part 2

- Definitions

Part 3

- Purposes, supplies and structure
- Classification of external influences
- Compatibility
- Maintainability
- Safety Services
- Continuity of Service

Part 4

- Protection against electric shock
- Protection against thermal effects
- Protection against over current
- Protection against voltage disturbances and electromagnetic disturbances



COURSE INFORMATION



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Part 5

- Selection and erection of wiring systems
- Protection, isolation and switching
- Earthing arrangements
- Other equipment
- Safety services

Part 6

- Inspection and testing
- Initial verification
- Periodic inspection and testing
- Certification and reporting

Part 7

- Special installations
- Locations containing a bath or shower
- Swimming pools
- Saunas
- Construction and demolition sites
- Agricultural and horticultural premises
- Confined conductive locations
- Caravans and caravan parks
- Medical locations
- Exhibitions, shows and stands
- Solar voltaic (p.v.) power supply systems
- Mobile or transportable units
- Maintenance gangways
- Temporary supplies for fairgrounds, circuses etc.
- Floor and ceiling heating systems

ENTRY REQUIREMENTS

City and Guilds 2360 or 2330 Electrical Installation or considerable experience (to be assessed via the College accredited prior learning). Please contact course tutor for details.

ASSESSMENT

Two hour multiple choice on-line examination consisting of 60 questions.

LEARNING OUTCOME

This course prepares students for EAL Certificate which is a nationally recognised qualification.

The assessment is an online assessment.

ADDITIONAL INFORMATION

All courses are delivered at Corporation Road (Main Campus).

