



**Electrical Courses - Design ~ Level 4 CandG 2396**

## **Design level 4 C&G 2396**

City and Guilds 2395-01 – Award in the Design And Verification of Electrical Installations

Level of Qualification - 4

Time Scale – 40 Hours

Days – Evenings x 12 or 4 x Weekdays

Cost – £910.00 + VAT

Why Choose City & Guilds 2396-01

This Qualification is designed to aid qualified electricians acting as qualified supervisors or managers to account of installation design. This course will facilitate the development of knowledge and understanding of cable calculations and formulas and also regulation guidelines. The course content also provides compliance with building CDM regulations.

This course's audience should be of practising electricians working towards engineer or chartered status.

Exam Structure

Unit 401: Design, Construction management and initial verification of electrical installations.  
(Assignment)

Unit 402: Design, Construction management and initial verification of electrical installations. (Written)

Areas Covered:

- Understanding the relationships with statutory and non statutory documents
  - Design, construction and commission process.
  - Protective systems, relating to electrical installations.
  - Factors of environmental conditions and technologies.
  - Poly phase systems

Also covered within content of course:

- Final circuits
  - Maximum demand
  - Diversity
  - Certification
  - Protective measures
  - Selection and erection
  - Alternative energy
  - Technical information
  - EPC



Course Progression After Successful Completion:

- Level 4 Higher Professional Diploma in Building Services Engineering
- ILM Management and leadership Qualifications.