

COURSE DATA SHEET

| City & Guilds 2396-01



Electrical Installation, Design, Erection and Verification

This five-day level 4 is designed for anyone involved in, or wishing to become involved in, the design, construction and verification of electrical systems. It is also a nationally recognised benchmark qualification for companies seeking a qualified manager and a natural progression for anyone who already holds the City & Guilds 2391-52.

The course is in two parts, a 3-hour written examination, and a design assignment (carried out after the course)

Course Content

- The course will provide the candidate with all the necessary information and knowledge to design an electrical installation the focus being on cable sizing, routing and management, taking into account environmental influences.
- Design calculations will be carried out manually but the use of software cable sizing packages will be discussed. During the course, a typical new commercial installation will be used as the basis for the design of an electrical system using architects' drawings.
- Overlays will be used to indicate proposed cable routing using British Standard symbols and cables will be selected to be suitable for electrical, environmental and aesthetic conditions.
- Design calculations will be produced to validate the disconnection time for each circuit for compliance with the wiring regulations and allow the person responsible for inspection and testing to compare actual values with design values. Time will also be given to assignment structure.
- The assignment will be started during the course but candidate will be given a maximum of 1 year to complete it at home. It is expected to take candidates 40 hours and email communication with the tutor is available during that time

To achieve this qualification delegates are required to pass a written exam and get a pass grade in their design assignment

Who should attend this course?

We strongly recommend that prospective candidates have a minimum of City & Guilds 2382-18; as during the course it will be assumed you are already familiar with the technical language and have a working knowledge of BS7671 Wiring Regulations.

Duration & Cost

5 days

£895 + VAT (£1074)

Includes examination fees and a buffet lunch each day

Book

IET Electrical Installation Design Guide

4th Edition



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