

Electrical Design Engineer

Architecture & Construction

Location: Beirut

Major: degree in Electrical Engineering, or any related field

Experience: 3-5 years of experience in electrical design engineering.

Major Responsibilities:

- Design low and medium-voltage electrical distribution systems for commercial, residential, healthcare, and industrial buildings.
- Design low current systems for commercial, residential, healthcare, and industrial buildings.
- Develop electrical schematics, single-line diagrams, lighting layouts, and cable routing plans.
- Specify and size electrical equipment such as switchgear, distribution boards, transformers, generators, UPS systems, and lighting control systems.
- Design internal and external lighting systems, ensuring compliance with lux levels, energy efficiency, and emergency lighting regulations.
- Integrate building services systems with BMS (Building Management Systems) and smart technologies.
- Ensure designs comply with relevant national and international standards.
- Conduct load calculations, voltage drop, and fault level analysis.
- Work closely with architects, structural engineers, mechanical engineers to align electrical design with architectural and structural constraints.

Additional Requirements:

- Proficient in electrical CAD tools, REVIT and design software.
- Solid knowledge of electrical and building regulations.

How to Apply:

Kindly send your CV or contact the Career Services Center, E-mail: career.services@balamand.edu.lb,
Ext. 7801; 7802