Skills snapshot: Electrical

This snapshot includes the most popular specialist and software skills most sought after by recruiting employers between October 2021 and September 2022 in the UK. It also shows the top SOC occupations within each group that employers have been recruiting for over the past year.

**Top SOC occupations**
Electrical, UK, Oct 2021 to Sept 2022

- Electrical and electronic trades, n.e.c.
- Electricians and electrical fitters
- Electrical engineers
- Electronics engineers
- Skilled metal, electrical and electronic trades supervisors

**Top 10 software skills**
Electrical, UK, Oct 2021 – Sep 2022

- AutoCAD
- Microsoft Office
- Microsoft Excel
- Field-Programmable Gate Array (FPGA)
- Microsoft Outlook
- C++ (programming language)
- Firmware
- Python (programming language)
- Autodesk Revit
- C (programming language)

**Key job posting figures**
(Oct 2021 to Sept 2022)

- Unique postings: 227,400
- Median advertised salary: £35,776

**Key labour force figures**

- Jobs 2021: 412,100
- Job growth (%) 2030: 2.6%

**Top 15 specialist skills**
Electrical, UK, Oct 2021 to Sept 2022

- Electrical engineering
- Field service management
- Electrical wiring
- Maintenance engineering
- Electronic engineering
- Electrical systems
- Commissioning
- Electronics
- Control systems
- Programmable logic controllers
- Three-phase
- Printed circuit board
- Electrical equipment
- Control engineering
- Electronic design automation

Source: Lightcast Job Postings

Note:
The ‘specialist’ skills lists included in this snapshot have been extracted by their relative importance to the thematic career group and then ranked by the frequency with which they appear in job postings related to the group.

Software skills may overlap with specialist skills, depending on prevalence.