CAREER SHEET · SKILLED TRADES & ENERGY

# Skilled trades & energy

Hands-on technical work that keeps buildings, power and industry running.



**4** careers

**1–4** years after school

**Mathematics** key subjects

| CAREER | QUALIFICATION | YEARS | LICENCE OR REGISTRATION | ENTRY | USUAL IELTS |
|---|---|---|---|---|---|
|  **Electrician** Vocational | Apprenticeship or electrical diploma | **2–4** yrs | Electrician licence | Open | **Not usually asked** |
|  **HVAC technician** Vocational | HVAC diploma or apprenticeship | **1–3** yrs | Refrigerant handling certificate | Open | **Not usually asked** |
|  **Welder** Vocational | Welding certificate | **1–2** yrs | Welding certification | Open | **Not usually asked** |
|  **Plant operator** Vocational | Process or energy diploma | **1–3** yrs | Site and safety certification | Open | **5.5** |

Figures are typical ranges and vary by country and university. Always check entry rules with each university or college.

WHAT TO STUDY NOW

## Subjects for each career

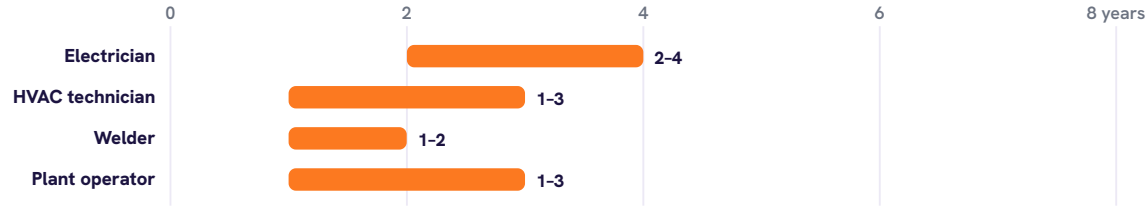
● Needed ○ Helpful – Not needed

| | Mathematics | Physics | Chemistry |
|---|---|---|---|
| Electrician | ● | ○ | – |
| HVAC technician | ● | ○ | – |
| Welder | ○ | ○ | – |
| Plant operator | ● | ○ | ○ |

HOW LONG IT TAKES

## Years after school

Academic · Professional · Vocational




## Start now on Uni Prep



**Mathematics**
Grade 6 to foundation · on Uni Prep



**Physics**
Grade 6 to foundation · on Uni Prep



**Chemistry**
Grade 6 to foundation · on Uni Prep



**English for university**
Towards IELTS 5.5–5.5

**Set this as your goal**

Scan to open Skilled trades & energy and see your three checks.