

AUTOMATION ENGINEER, FEDERAL VET DIPLOMA

Your work keeps machines and systems in factories, hospitals and offices running smoothly and safely, playing a crucial role in society.

Training duration	4 years with Federal VET Diploma
Specialisations	None
Training locations	<ul style="list-style-type: none"> – In the workshop – In switchgear construction – On construction projects
College days	<ul style="list-style-type: none"> – 1 – 2 days per week at vocational college – 4 vocational courses
VET college (BMS) possible	Yes



Requirements

- Interest in technology
- Manual skills
- Upper secondary school high level
- Understanding of technology
- Reliability
- Enjoy customer contact and teamwork



Job

Automation engineers develop and build electrical control and automation systems for industrial robots, drinks vending machines and lifts. They commission the systems, repair them and produce technical documents.

As well as performing the following tasks:

- Analysing customer requirements
- Working with or developing software
- Planning and monitoring production processes
- Setting up control and automation systems
- Ensuring compliance with safety regulations and testing systems
- Commissioning systems and connecting devices
- Troubleshooting and repairing systems



Further training and careers

Further training

- Further training and specialisation (e.g. various courses)
- Federal Professional Examination (e.g. Automation Specialist)
- Advanced Federal Professional Examination (e.g. Qualified Master in Switchgear Construction and Automation)
- Professional Educational Institution (e.g. Qualified Mechanical Engineer)

Careers

- Workshop manager
- Production manager
- Team/project/department manager
- Sales – Consulting – Support
- Entrepreneur

