

# 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.

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



## Requirements

- Interest in technology
- Manual skills
- Upper secondary school high level (Sec. A)
- 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

