



ET Electrical Engineering

Content 1st year / Electrical Engineering

- measuring methods with different measurement equipment
- install electric lines
- connections
- extension cables
- simple electrical circuits

Content 2nd year / Electrical Engineering

- house service connection (electrical) / equipotential bonding
- safety measures and electrical grounding
- use of power protection and ground fault circuit interrupter
- use of overvoltage protection
- simple controls for motors etc.
- wiring for EDP systems

Students should be able to ...

- execute safety regulations and rules for accident prevention.
- engineer simple circuits
- test electrical installations.
- record measurements and generate documents with the use of technical terms.



NI IT Infrastructure

Content 2nd year / Electrical Engineering

- usage of different network systems
- usage of international standards
- installation of network cables
- measuring and check of network cables
- generate documents