GO! Technisch Atheneum Keerbergen

GO! onderwijs van de Vlaamse Gemeenschap

Introduction

- Relatively small technical school

- World of constant change
  - Technological evolution
  - Balance private – work life teachers
  - Work with available budget
  - School accessible and inclusive
  - Stay innovative
    → prepare students for the jobs of tomorrow

Introduction

- Municipal Keerbergen

- Strong STEM focus

School overview & study tracks

- Technical vocational secondary school
- STEM-oriented curriculum
- First cycle (12y-14y):
  - General orientated program
  - Professional orientated program

School overview & study tracks

- Third year and onwards (14y-18y)
  - Academic track: Informatics
  - Dual-purpose track: Crossmedia, Electricity, Woodworking, Application & Data Management
  - Labour market-oriented track: Automotive, Construction, Central Heating, Electricity and Woodworking

School overview & study tracks

- Different pathways
  - Higher education
  - Associate degrees
  - Directly into the workforce

  - Technical, digital and personal skills

School overview & study tracks

1^{ste} graad A

STEM-wetenschappen

STEM-technieken

2^{de} graad Doorstroom

Technologische wetenschappen

3^{de} graad Doorstroom

Informatica- en communicatiewetenschappen
Applicatie- en databeheer

2^{de} graad Dubbele finaliteit

Elektrotechnieken
Grafische technieken
Houttechnieken

3^{de} graad Dubbele finaliteit

Crossmedia
Elektrotechnieken
Houttechnieken
Applicatie- en databeheer

1^{ste} graad B

STEM-technieken

2^{de} graad Arbeidsmarkt

Elektriciteit met keuze context:
- Auto
- Centrale verwarming & sanitair
- Elektriciteit

Bouw

Hout

3^{de} graad Arbeidsmarkt / 7^{de} Specialisatiejaar

3^{de} graad Arbeidsmarkt	7^{de} Specialisatiejaar
Auto	Auto*
Centrale verwarming	Centrale verwarming*
Elektrische installaties	Elektriciteit*
Bouw	Bouw*
Hout	Hout*

Technology and lifelong learning

- Technology evolves → adaptability
- Examples:
  - Informatics, Crossmedia & Application and Data Management: AI
  - Automotive: electric vehicles, digital diagnostics
  - Construction: Smart buildings and sustainable materials

Technology and lifelong learning

- Technology evolves → adaptability

- Examples:
  - Central Heating: heat pumps, hybrid systems

  - Electricity: smart grids, internet of things

  - Woodworking: CNC machines, 3D printing, sustainable materials

Technology and lifelong learning

- Digital transition: digital skills

- Green transition: sustainability – renewable energy, circular construction, energy efficiency

- Soft skills: teamwork, creativity, adaptability
  → skills for the future labour market

Collaboration with the labour market

- Local companies

- Labour market orientated track: internship program – duaal leren
  - Students gain real-world experience

Collaboration with the labour market

- Dual-purpose track: short internships
- Academic track: bridges with industry
- Collaboration is essential – learn students' skills that companies actually need, today and tomorrow

Technology is changing faster than ever. Our mission is to teach not only the skills of today, but the adaptability for tomorrow.