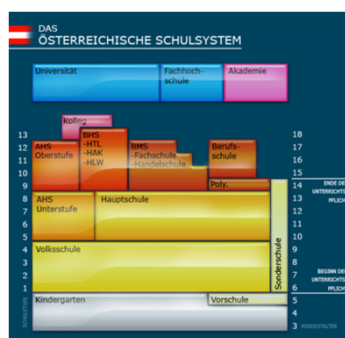


VOCATIONAL AND TECHNICAL EDUCATION AT THE SECONDARY LEVEL; ISSUES, PAST EXPERIENCE, BEST PRACTISE EXAMPLES IN AUSTRIA





Toralf Fercher

the austrian school system



HTLs specialize in: **civil engineering, electronics, electrical engineering, information technology, informatics, industrial engineering, mechanical engineering, mechatronics and chemistry.**



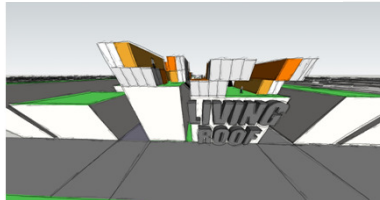
<p>Building construction</p>  <p style="text-align: center; font-size: small;">architecture is able to fly</p>	<p>Computer science</p> 
<p>Civil engineering</p> 	<p>IT Networking</p> 
<p>Interior design</p> 	<p>IT Media Technology</p> 

types of courses

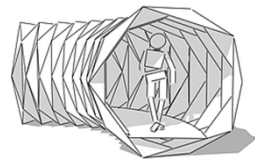
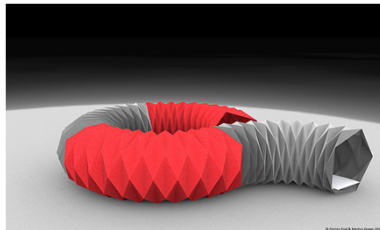
- 1) **Normal form - Höhere Abteilung**
 Duration of training: 5 years
 Degree: matriculation and diploma work / ISCED-level 4A
 Study Permits for universities and colleges.
 After 3 years of practice: professional title Ingenieur.
 After 5 years of professional work authorization: to open an own planning office.
- 2) **VET school with work placement**
 Duration of training: 3 1/2 years
 Degree: final examination / ISCED-level 3B
- 3) **School for craftsmen in building industry**
 Duration of training: 3 years
 Degree: final examination
- 4) **Evening school**
 Duration of training: 4 years
 Degree: matriculation and diploma work / ISCED-level 5B
- 5) **Colleges for engineering and crafts**
 Duration of training: 2 years
 Degree: matriculation and diploma work / ISCED-level 5B

diploma projects

LIVING ROOF by Maximilian Klammer and Lukas Weissensteiner



FOLDABLE SHELTER by Florian Engl & Markus Steger



practical training and excursions

Training of guest students



special services for non - profit organisations



Venice Biennale



Pyramidenkogel



educational objectives

The common curriculum architecture defines areas of **general education**, **occupation-related theory**, and **occupation-related practice**.

Practice-orientation and topicality of content are the underlying principles for all subjects.

Mandatory work-placements complete our education.

School autonomy gives the possibility to enhance a special school profile.

present position

- 100 locations
- increasing number of students
 - from 30,000 in 1991 to 60,000 in 2012
 - today 9000 students graduate from HTLs and about 1,900 from schools of engineering
 - increasing attractiveness for female students as well as for people in employment.
- lower than the average risk of unemployment
 - 2.6 percent for people with HTL qualification compared to 4.5 percent as the average risk.



architecture takes place

challenges of the future

- Modular System
- International classification
- International cooperation



architecture is mobile