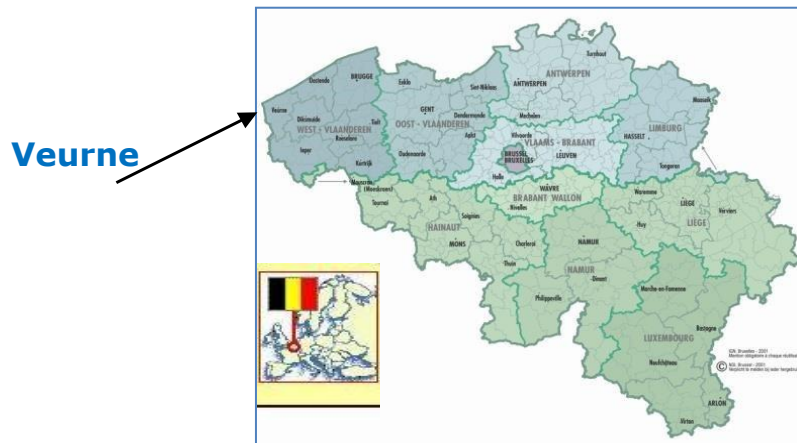


Talent-is Campus Engineering Veurne

*a Belgian school for technology,
science and engineering*

Belgium



Talent-is Campus Engineering Veurne is part of the school group Talent-is.
This group consists of 3 branches in Veurne, one in Nieuwpoort and one in De Panne.

I. SCHOOL INFORMATION



1. Address: Ieperse Steenweg 90, Veurne
2. Infrastructure

The school went through an intense building phase in the last 10 years which brought new administrative buildings, a multipurpose hall and new woodworking and mechanics department.

3. Headmaster: Franky Dorme
4. Staff: 75 teachers and supporting staff
5. Students: 430
6. Website: [Home - Engineering Veurne \(campusengineering.be\)](http://campusengineering.be)

II. DEPARTMENTS

1. Level: secondary school (12 – 18 years of age)
2. Overview of the departments:

Technical education:

- Science and Technology (Technological Sciences and Engineering)
- Mechatronics
- Electromechanical techniques
- Electrotechniques
- Wood working techniques

Vocational education:

- Electricity
- Metal work – welding
- Car mechanics
- Wood working: carpentry / furniture

Science and technology department

(Technological Sciences and Engineering)

"Science and Technology" is the most theoretical department at our school.

Until the fourth year students don't have much workshop practice. Mathematics is the most important course. The number of mathematics lessons varies between six and eight hours a week. Students in this department also take courses in engineering (electricity, mechanics,...) physics, chemistry,...

After secondary school, students go to a college or university. Most of them will be doing a master or bachelor degree in engineering. Although many other options remain possible.

[VTI Veurne - afdeling industriële wetenschappen - YouTube](#)

Science and technology department in some (international) projects





Mechatronics department

"Mechatronics" is a theoretical and practical course at the same time and should prepare students for higher education. It covers electronics and mechanics at the same time, both theoretical courses and mechatronics lab practice.

Other courses remain important, with sufficient attention to mathematics and languages (Dutch, French and English). Students choosing this department in general continue their higher education at a technical college and will grow into jobs that require responsibility and leadership skills within a wide variety of companies.



[VTI Veurne - afdeling elektromechanica - YouTube](#)

Wood department

In the technical department "**Wood techniques**" pupils learn all about furniture, carpentry and joinery, from the design stage till the finishing. After two more general introductory years this course takes another 4 years. In the last years the number of hours devoted to general education classes decreases and there are more hours of technical courses and workshop practice. From the fifth year onwards you need to be able to work independently. After this course you can continue into higher education or start on a job.

In the vocational department "**Wood working**" attention is focused on workshop practice and the technical woodworking courses like technology, construction and technical drawing. The course comprises furniture design, carpentry and joinery and other skills needed for present day building construction. The hours of general education are limited.

[VTI Veurne - afdeling hout - YouTube](#)

Wood department in some international projects

Modern design instrument shelter

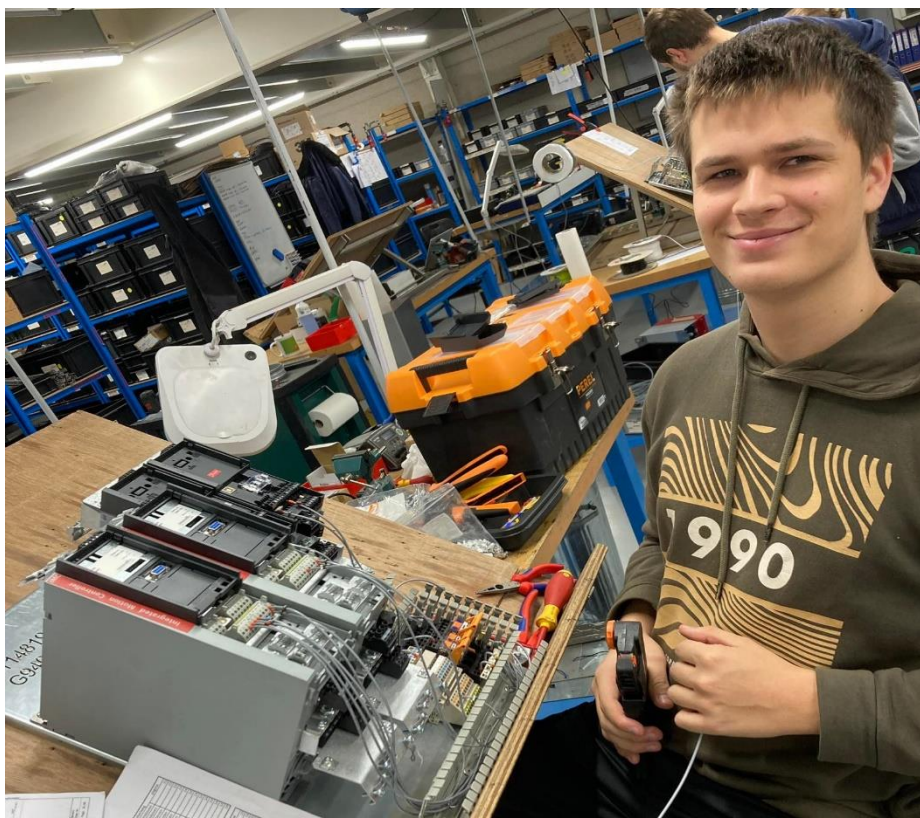


Electricity department

In the technical department "**Electrotechniques**" our pupils study electricity in a very practical manner. This department only starts in the third year. Pupils are taught both general and technical subjects and they get a considerable amount of workshop practice. This course takes 4 years (following two introductory years). In the last years the number of hours devoted to general education decreases and there are more hours of technical courses and workshop practice. From the fifth year onwards the pupils need to be able to work independently. After finishing the course they can choose to continue into higher education or find a job with a company.

In the vocational department "**Electrical installations**" attention is focused on workshop practice and the technical courses electricity, electrical installations and automation. Other students focus on data communication or installing networks. The hours of general education are limited. Whoever finishes this course can immediately start on a job as an electrician.

[VTI Veurne - afdeling elektriciteit - YouTube](#)



Mechanics Department

In the technical department "**Electromechanic techniques**" our pupils are taught electricity, electronics and mechanics through research. They analyse the electromechanics process. They are technologically skilled in automation, industrial electrical installations, programmable controls, electropneumatics, (dis)assembly techniques and maintenance. This course takes 4 years (following two introductory years). In the last years the number of hours devoted to general education decreases and there are more hours of technical courses and workshop practice. From the fifth year onwards the pupils need to be able to work independently. After finishing the course they can choose to continue into higher education or find a job with a company.

In the vocational department "**Metal working**" attention is focussed on workshop practice and the technical course mechanics. The hours of general education are limited. In the last two years you have to choose, either "Cars" or "Welding – Construction". The "Car" department is a very practical course that prepares you to become a car mechanic, but is being closed after the school year 2025-2026. The department "Welding – Construction" offers a similar course that will prepare you for work in building construction businesses, shipbuilding, bridge building or any other kind of business in which there is need for certified welding skills.

[VTI Veurne - afdeling mechanica - YouTube](#)

The mechanics department in an international project



III. OUR SCHOOL SYSTEM

Every school week consists of **32 or 34 lessons** of 50 minutes. Every day except Wednesday our students have 7 lesson periods, from 8.30 till 12.05 and from 13.00 till 15.45. On Monday and Tuesday, the departments of Science and Technology and Mecatronics attend and extra 8th period till 16.35 in the afternoon.

On Wednesdays, they attend 4 classes and are free in the afternoon. After school some students stay at school for some time longer in order to study.

Summer holidays in Belgium start 1 July and end on 31 August. Christmas and Easter holidays last for two weeks and on top of that, we have 1 week of holidays in November and March.

In Belgium, all children are required to go to school from 2.5 years of age onwards. Between the ages of 6 and 12, all children attend common courses at the primary school. Between the ages of 12 and 14, they can continue general secondary education after which they need to choose either to continue in aso (general education), tso (technical education), bso (vocational education) or art school between the ages of 15 and 18.

After secondary school, most of the Science and Technology students go to a college or university. They will be doing a master or bachelor degree in engineering. Although other possibilities remain open.

Students from Mecatronics mostly aim at a bachelor degree or sometimes start a professional career right away.

Our students of other departments generally start to work or may add an extra year to specialize in one or other technical field.

IV. INTERNATIONAL EXPERIENCE

1. Experience in the field of international education projects – overview:

1998 - 2002: interreg + province project about woodworking

School (Lycée Professionel des Flandres) from France (Hazebrouck)

2000 – 2002: 2 projects about woodworking

School (West Suffolk College) from Great Britain (Bury St Edmunds)

2003 – 2006: Comenius project "Caring for the environment"

Topic: nature conservation

Schools from Italy (Sestri Levante) and Spain (Gandia)

Extra partner: nature conservation centre De Nachtegaal (Belgium)

Awards: overall winner of Focus Aarde Contest. (Belgium)

2nd prize Belgian eTwinning Contest

2005 – 2006: Interreg III microproject "Kijk op en zorg voor het kustmilieu"

Topic : nature conservation

School (Collège du Septentrion) from France (Bray-dunes)

2007-2009 : GROS project , exchange project

School(Collège St-Winoc) from France (Bergues)

2007 – 2009: Comenius project “Legocat International”

Topics: pedagogical uses of LEGO in general / LEGO NXT in particular

Schools from Sweden (Udevalla), Greece (Orestida)

Extra partner: LEGO (Education) / Dacta (Great Britain)

Awards:

1st prize Belgian eTwinning Contest

shortlist of European eTwinning Contest

prize winner Science Expo Belgium (participation Science Expo

Bratislava)

2009-2010: Accord project “Peace education”

Topics : Peace education

Schools from West-Vlaanderen (B), Oost-Vlaanderen (B), Norfolk (GB),

Suffolk (GB)

2010 – 2012: Comenius project “From Leonardo Da Vinci to the 2012 Olympics”

Topics: maths, building a zeppelin (radio controlled and with GPS tracking), sports

Schools from Italy (Rome), Czech Republic (Prague), Finland (Turku)

Extra partner: Promethean (Great Britain) – producer of interactive whiteboards (ActivBoard)

Awards:

overall winner of Queen Paola Contest for Education 2010-2011

prize winner Science Expo Belgium (participation Science Expo Barcelona)

2012-2018: project province

Topics: maths – STEM

School(CSG Liudger) from The Netherlands(Drachten), School(Hillside High School)

from Germany(Fritzlar) and school(Hillside High School) from Great Britain(Bootle)

2011-2016: Educational cooperation project between the provinces of Zhejiang (China) and West-Vlaanderen (Belgium)

Topics: 1. Comparing work ethics in the workshop / work placement / company

2. Project work (workshop practice)

3. English

School from China (Hangzhou Vocational School For Communication)

2013-2015 : Active@living green

Topic : ecological footprint / building passive houses

Schools from Italy(Sora) , Norway(Arendal)

2016-2019 : Europe In Change: STEAMing ahead towards our future

[STEAMon, The project - Home page NL](#)

Topic: Creating STEAM lessons / Building a STEAM work of art

Schools from Portugal(Porto), Italy(Sestri Levante), Sweden(Östersund), Slovenia(Ljubljana), Greece(Alexandroupoli)

2020 – 2022: KA1 project for teachers

Topic: evaluation and feedback

Visiting schools in Spain, Norway, Slovenia and The Netherlands

2021 – 2024: How Special are your needs? Can we help? STEAM for an inclusive Europe

Topic: inclusion and applying technology to support people with special needs

Schools from Portugal(Porto), Italy(Sestri Levante), Sweden(Östersund), Slovenia(Ljubljana), Greece(Alexandroupoli)

V. CONTACTS FOR INTERNATIONALISATION

Name of the responsible teachers (email + mobile):

Lut Hoornaert – lut.hoornaert@talent-is.be – 00 32 470 62 07 61

Filip Robyn – filip.robyn@talent-is.be – 00 32 497 15 20 51

Wim Andries – wim.andries@talent-is.be –

Heidi Robesyn – heidi.robresyn@talent-is.be -