

European Project Semester



47, avenue d'Azereix - BP 1629 65016 TARBES Cedex FRANCE







EPS in France





Which skills and knowledge?



Evaluation







EPS in France



- The school ENIT (Ecole Nationale d'Ingénieurs de Tarbes)
- > Only programme in France
- > Five-year public engineering school awarding a Master's degree
- Part of the University of Toulouse (INP) in Materials & Mechanical Engeneering and Industrial Engeneering











EPS in France



Tarbes

- > South West of France near to Toulouse and Bayonne
- > Human sized city 50 000 inhabitants
- ➤ Good quality of life
- > Affordable and easily available accommodation
- > Personalized support

















- > The EPS is a common European program
- Developped by Denmark in the 90's: IHK Copenhaguen
- Offered by 19 universities in 12 countries
- Allowed to students from Bachelor to Master
- > ENIT is the only institution in France which offers EPS program





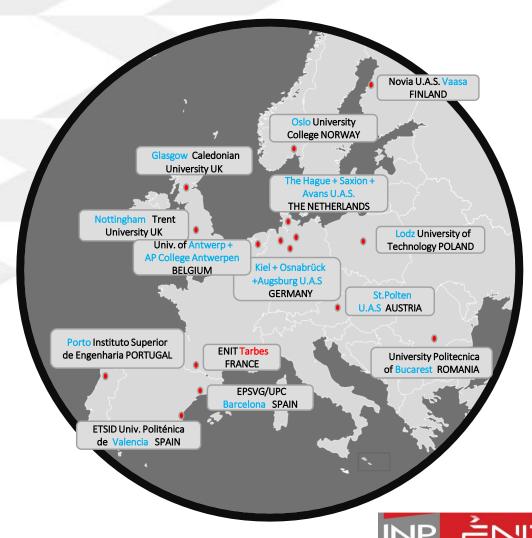


EPS in Europe



Universities

- > AUSTRIA, St. Poelten University of Applied Sciences
- **BELGIUM**, University of Antwerp/AP University College
- > BELGIUM, AP College Antwerpen
- > FINLAND, Novia University of Applied Science, Vaasa
- > FRANCE, Ecole Nationale d'Ingénieurs (E.N.I.T), Tarbes
- **GERMANY**, Kiel University of Applied Sciences (Fachhochschule Kiel)
- > GERMANY, Augsburg University of Applied Sciences
- GERMANY, Osnabrück University of Applied Sciences
- THE NETHERLANDS, University of Applied Sciences of Avans Hogesschool(Avans University)
- > THE NETHERLANDS, Saxion University of Applied Sciences
- > THE NETHERLANDS, The Hague University of Applied Sciences, Delft
- NORWAY, Oslo University College(Høgskolen i Oslo or HIO)
- POLAND, Lodz University of Technology, International Faculty of Engineering, Lodz
- > PORTUGAL, Instituto Superior de Engenharia do Porto
- > ROMANIA, University Politehnica of Bucharest
- SPAIN, EPSEVG at Universidad Politécnica de Catalunya
- > SPAIN, ETSID at Universidad Politécnica de Valencia
- UK, Nottingham Trent University
- UK, Glasgow Caledonian University









- ➤ A long-term project
- > Industrial firms
- ➤ International team-work: cross-cultural communication
- > Multidisciplinary
- > Common language: English











➤Combination of:

Project work (24ECTS): submitted by local companies, supervised by ENIT researchers

Courses (6 ECTS) in English: Project management, communication Skills, Innovation, French Forgein Language,....

- >Teams of 3 to 5 students, from different countries
- >Around 3 projects each semester 9 to 24 students
- ➤ Project in 16 weeks
- ➤ Application deadline : Fall semester 15th May

Spring semester 15th December



Additional information: http://www.europeanprojectsemester.eu







Which skills and knowledge?



Final skills for EPS Students

- > Contribute actively as an individual in the group
- > Work alone, independently from the group, yet in context and cooperation with the team
- > Distinguish between competition and cooperation
- ➤ Appreciate and understand that established and acknowledged teamwork is a committed contract
- > Understand the professional responsibilities of the design engineer at national and international scale.







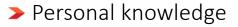
Why choose EPS?



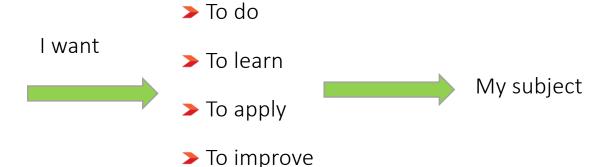
EPS is teamworking and emphasizing real life situations!

You should demonstrate your ability to plan and run a team-based project.

You should show ability to communicate clearly in English (writing and speaking).



- > Professional skills
- > New ideas









Main topics



> Power electronics - electrotechnology

For example: Experimental test bench for integrated electromechanical conversion chains

> Robotic

For example: Developments in Robotic machining

Mechatronic (mechanical engineering + CAD + electrotechnology)

For example: Finalization and optimization of 3D printer photosensitive resin

Material science

For example: Scanning electrochemical microscope (SECM)

> Civil engineering

For example: Building bio-climatic design (Passiv'haus)







Conclusion



- The programme created in the 90's is in constant development and attracts new universities like Augsburg University of Applied Sciences (Germany)
- > The themes of EPS at ENIT are continually evolving and growing (more than 20 subjects in 2017/2018)
- > 20% of students feel so comfortable at ENIT that they stay for an extra semester after EPS (laboratory, work placement, courses in French...)













International Relations Office



- > A dedicated team
- ➤ Bespoke welcome
- > Support with all the administrative formalities
- > Help and assistance to settle in Tarbes
- ➤ Organization of different activities



Support of the International Club from the school



- ➤ Buddy Programme
- > Starter Pack
- > Intercultural outings









Thank you!

If you have any question, please contact:

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