

European Project Semester



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EPS in France



What is EPS?



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 Engineering and Industrial Engineering





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





What is EPS ?



- The EPS is a common European program
- Developed by Denmark in the 90's: IHK - Copenhagen
- 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 Hogeschool(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





What is EPS ?



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





What is EPS ?



➤ Combination of:

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

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

➤ Personal knowledge

➤ Professional skills

➤ New ideas

I want



➤ To do

➤ To learn

➤ To apply

➤ To improve



My subject



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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