



Decarbonisation Strategies in Process Engineering

Blended Intensive Programme

Summer Semester 2024

Online Team Assignment:

18. Mar 2024 – 10. May 2024

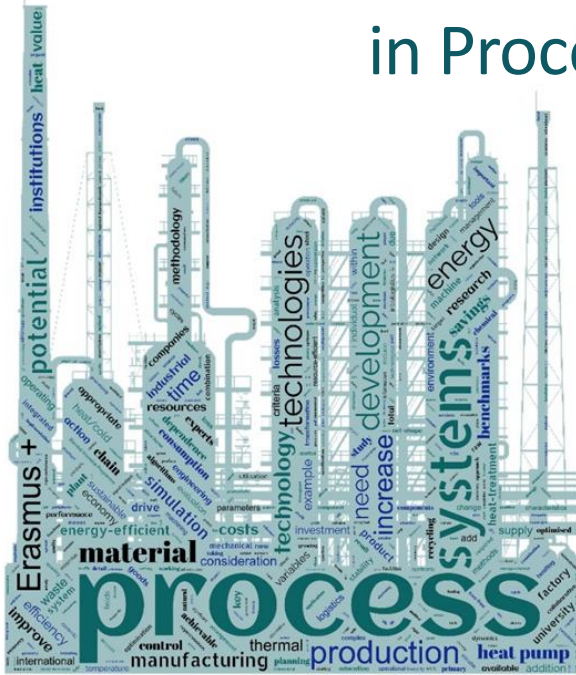
Mobility Week:

13. May 2024 – 17. May 2024

Language: English

Awarded with 3 ECTS

Nomination until: 15. Jan 2024



Assignment – Virtual Phase

The process industry is one of the key industries in the implementation of the Green Deal. The high energy demand that their processes require and the associated CO₂ emissions make decarbonisation of these industries a major challenge. Participants will simulate and improve a process in international teams. The teamwork will take place via online tools using a process-simulation software.

Mobility Week

Following the virtual phase, all participants will meet in person at our university in Kaiserslautern. Within five days spent together, the participants will present the results of their assignments and see the practical application of decarbonisation strategies by visiting global chemical companies in the region. Besides the industry, the region also has a lot to offer in terms of landscape and culture.

Preliminary Programme Includes

- Industry visits at major chemical companies: BASF, Evonik etc.
- Wine Campus – where Palatinate Wine Culture and Process Engineering meet
- Historical City Tour Mainz
- Keynotes
- Outdoor Leisure Activities
- Social Events



Impression of 2023

Participating Institutions

- Kaiserslautern University of Applied Sciences (organising and receiving institution)
- University of Valladolid
- Turku University of Applied Sciences
- University of Padova
- University of the Basque Country, Bilbao
- Technical University of Catalonia (UPC)

Who can apply?

Bachelor and Master students of Chemical or Process Engineering (or similar), please contact your home institution.

How to apply

Please contact your local faculty or international office. Participants will be nominated by their home institution.

Funding

Participants are expected to obtain Erasmus+ Mobility grants from their home institutions.

Language

The language of the programme will be English. Recommended proficiency is B2.

Accommodation

We have reserved accommodation at a special student's budget price (approx. 20€/night) for all participants: [Have a look!](#) It's a place the participants will have to themselves.

Contact

Content

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About us

Kaiserslautern University of Applied Sciences is a modern University for Applied Sciences and Design. Over 6,000 students and some 160 professors learn, teach, and research throughout five faculties at the Kaiserslautern Campus, the Pirmasens Campus, and the Zweibrücken Campus.

All professors have more than five years experience outside the academic world. The Faculty of Applied Engineering offers Bachelor and Master programmes in Mechanical and Electrical Engineering and related topics. It is situated at the Kaiserslautern Campus.



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