

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Group work, Seminar, Lecture, Independent work, Peer teaching

Extra information on the teaching methods

The course will mainly consist of lectures, with seminars organized by invited researchers specializing in process intensification. Students are expected to orally present specific process intensification technologies as solutions to the chemical industry's challenges. This will be based on group work and is designed to be highly interactive, featuring open questions from the lecturer.

Study material

Type: Slides

Name: Process Intensification

Indicative price: Free or paid by faculty

Optional: no

Language : English

Number of Slides : 500

Oldest Usable Edition : /

Available on Ufora : Yes

Online Available : Yes

Available in the Library : No

Available through Student Association : No

Additional information: Slides, publications, overview reports concerning new technologies, which are available on Ufora.

References

Book "Re-Engineering the Chemical Processing Plant: Process Intensification" by A. Stankiewicz and J. A. Moulijn (Marcel Dekker, 2004)

Course content-related study coaching**Assessment moments**

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Presentation, Assignment

Examination methods in case of periodic assessment during the second examination period

Presentation, Assignment

Examination methods in case of permanent assessment

Presentation, Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

Extra information on the examination methods

The evaluation is based on presentation (group work) and open questions. Results will be announced via Oasis and feedback will be provided in the presentation session.

Calculation of the examination mark

Evaluation throughout the semester as well as during the examination period based on group work, presentation and open questions.