Teaching Methodology: Engineering and Technology (HOO2221)

Course size   *(nominal values; actual values may depend on programme)*

Credits 6.0   **Study time 180 h**

Course offerings and teaching methods in academic year 2025-2026

A (Year)	Dutch	Gent	lecture
			seminar
			group work
			peer teaching
			independent work

Lecturers in academic year 2025-2026

Vanwetteren, Jan	TW06	staff member
wyffels, Francis	TW06	lecturer-in-charge
Strubbe, Katrien	WE06	co-lecturer

Offered in the following programmes in 2025-2026	**crdts**	**offering**
Master of Science in Teaching in Science and Technology (abridged programme)(main subject Engineering and Technology)	6	A

Teaching languages

Dutch

Keywords

Position of the course

Contents

Initial competences

Final competences

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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

Study material

Type: Slides

Name: depending on the module
Indicative price: Free or paid by faculty
Optional: no

Type: Laptop

Name: laptop for the preparation of the course
Indicative price: € 500
Optional: no

Type: Project

Name: low-cost materials for the STEM project
Indicative price: € 20
Optional: yes

References

Course content-related study coaching

Assessment moments

continuous assessment

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

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

Examination methods in case of permanent assessment

Skills test, Participation, Peer and/or self assessment, Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible in modified form

Calculation of the examination mark