

Civil Engineering: Applications (E711053)

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

Credits 3.0 Study time 90 h Contact hrs 36.0 h

Course offerings and teaching methods in academic year 2018-2019

A (semester 2) Dutch project 36.0 h

Lecturers in academic year 2018-2019

Wylaers, Marc TW14 lecturer-in-charge

Offered in the following programmes in 2018-2019

	crdts	offering
Bachelor of Science in Engineering Technology (main subject Civil Engineering Technology)	3	A
Bachelor of Science in Civil Engineering Technology	3	A
Preparatory Course Master of Science in Land Survey Engineering Technology	3	A

Teaching languages

Dutch

Keywords

Civil engineering, culvert construction

Position of the course

Through an assignment, students are encouraged to reflect critically and constructively about a civil engineering problem or project.

Contents

Application on culverts and connecting roads.
Study of the design and engineering drawings, details using drawing or BIM software.
There can be organized lectures, demonstrations, buildingsite visits and compagny visits.

Initial competences

Being able to draw structures using drawing or BIM software.

Final competences

- 1 Critically and constructively to solve a problem.
- 2 The general plans and details drawing from a culvert construction.

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

Project

Extra information on the teaching methods

Designing civil engineering is a project that is developed individually.
Llectures, demonstrations, buildingsite visits and compagny visits.

Learning materials and price

cours civil technique I and road construction.
Expected costs:95 euro.

Costs are related to copies and drawings. 40 euro
Factory and building-site visits: 55 euro. Safety shoes S3, helmet and yellow fluorescent jacket.

References

Course content-related study coaching

Designing civil engineering: Individual student monitoring.
Demonstrations by the lecturers during the courses.
Additional information from lecturers by appointment.
lectures, demonstrations, buildingsite visits and compagny visits: There supervision by the teachers of Ghent University.

Evaluation methods

continuous assessment

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

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

Examination methods in case of permanent evaluation

Assignment, report

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible in modified form

Extra information on the examination methods

The assigment is to be done individually.
The assignments are handed in on a beforehand communicated date and time. All projects not handed in in time will be considered zero.
Frequence of permanent evaluation: 2 times per semester.
Unjustified absence will be graded zero.
lectures, demonstrations, buildingsite- and company visits: during the exursions notes are taken by the students which are handed in.
Evaluation in the second examination period: completion and/or improvement of the dossier. Evaluation of the final result by the coaches. Evaluation in the second examination period is not possible for the lectures, demonstrations, buildingsite- and company visits. The score of the first examination period is retained.

Calculation of the examination mark

See details evaluation forms.

Facilities for Working Students

There are no facilities for working students.