

Construction Engineering (E711066)

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 1) Dutch excursion 36.0 h

Lecturers in academic year 2018-2019

Wylaers, Marc TW14 lecturer-in-charge
Vandenbruwane, Ignaas TW14 co-lecturer

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
Master of Science in Civil Engineering Technology	3	A

Teaching languages

Dutch

Keywords

Structural engineering, structural work, finishing techniques, degradation techniques, soil conditioners, bridges, tunnels, renovation, dredging, security, environment, civil engineering.

Position of the course

The anchoring of the technology for the implementation, renovation and construction of structures or structural parts of buildings and civil engineering by introduction to the field. This should be done in a responsible, safe and environmentally friendly manner.

Contents

Lectures, demonstrations, factory visits and buildingsite visits.

Initial competences

- A general technical training.
- A scientific training
- A basic knowledge of construction.

Final competences

- 1 An execution method tot analyze and implement.
- 2 A construction method can analyze and implement.

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

Excursion

Extra information on the teaching methods

Exercies: excursion, demonstration and lectures.

Learning materials and price

Documentation and workbooks of companies or institutions.

Private notes.

When site visits are wearing helmets, safety shoes S3 and fluo vest verplicht. Cost: 55 euros.

References

Course content-related study coaching

A permanent accompaniment is foreseen.

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

Skills test, report

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Extra information on the examination methods

During the factory and buildingsite visit, demonstration and lecture will take note. These notes (report) to be issued at the end of each activity. At the end of all lectures, demonstrations, corporate and site visits will be conducted a skills test.

Possibilities of retake in case of permanent evaluation

Skills test.

Calculation of the examination mark

50% of the reports (personal notes).

50% on the skill test.

Illegal absence 0 per absence. During this exercise session can be up once legitimately absent. From the second legitimate absence 0 per absence.

If one does not participate in the skill can not succeed for the whole of the course. If the final score yet a figure of ten or more would be twenty, this is reduced to the highest figure failed. The highest figure is thereby failed 9/20.

Second session:

Lectures, demonstrations, factory and buildingsite visits: The points of the reports retain the first session for 50% of the share points.

Only the skill of lectures, demonstrations, site visits, and can be resumed for 50% of the total score

Facilities for Working Students

No facilities for working students.