

House Building Technique, Inventory of Fixtures and Valuation of Real Estate (C003074)

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

Credits	5.0	Study time	150 h	Contact hrs	50.0 h
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Course offerings and teaching methods in academic year 2018-2019

A (semester 2)	Dutch	lecture	15.0 h
		practicum	35.0 h

Lecturers in academic year 2018-2019

De Wulf, Alain	WE12	lecturer-in-charge
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Offered in the following programmes in 2018-2019

	crdts	offering
Bachelor of Science in Geography and Geomatics (main subject Surveying)	5	A

Teaching languages

Dutch

Keywords

Construction engineering, construction methods, constructions, foundations, masonry, roofs, floors, walls, water drainage, damage, construction measurements. Real estate appraisal and home inspection reports.

Position of the course

Basic insight into the composition, building and action of construction elements.
Critical observation and stimulation of analysis.

Contents

General Introduction. Depiction of a building: interpretation of a plan, symbols and conventions. Exercises in plan interpretation. Construction methods and building structures: transfer and absorption of weight and forces by construction elements and the ground. Foundations. Masonry. Principles of hygrothermic comfort management: isolation and internal condensation. Walls. Floors. Roof structure and cover. Rainwater drain and sewers. Construction measurements.
Home inspection reports and real estate appraisal: methods.

Initial competences

Final competences of "Chemistry" and "Physics" of the first year Bachelor.

Final competences

Meet the job demands "VLOR" for surveyors in the discipline of construction engineering.

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

Lecture, practicum

Extra information on the teaching methods

Students have to make a home inspection report and a real estate appraisal.

Learning materials and price

Syllabus (cost: 15 EUR). In the future a book will be used.

References

A great amount of reference works are available in English, Dutch, French and German in the library of the Civil Engineering Department

Course content-related study coaching

Guidance by lecturer and assistants in case of any problems.

Evaluation methods

end-of-term evaluation and continuous assessment

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

Written examination

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

Written examination

Examination methods in case of permanent evaluation

Report

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Extra information on the examination methods

Theory: written examination.

The home inspection report and the real estate appraisal study are made during the semester.

Calculation of the examination mark

Theory: Periodical evaluation (for 2/3 of the total score)

Exercises: Permanent evaluation (for 1/3 of the total score)