

Building Technology

Basic information of the minor

Code: ENG3066

Extent: 25 cr

Language: English

Teacher in charge: Simo Hostikka

Target Group: Students from other Master's Programmes at Aalto

Application procedure: No

Quotas and restrictions: No

Prerequisites: Student must take into account any course prerequisites.

Content and structure of the minor

The Building Technology Minor offers students good overall knowledge within the field of civil and structural engineering. The programme involves education in structural engineering, building physics, construction management and building materials.

Upon completion of the Minor in Building Technology, the student will comprehend the fundamental physical phenomena in structural and thermal performance of buildings, and use the engineering methods for their assessment. He or she can also describe and use the management methods for construction processes.

Further information is available from Professor Simo Hostikka (simo.hostikka@aalto.fi).

Structure of the minor

The student should choose five courses (25 cr) from the following list.

Code	Name	Credits	Period
CIV-E1010	Building materials technology	5	I
CIV-E1020	Mechanics of Beam and Frame Structures	5	I
CIV-E1030	Fundamentals of Structural Design	5	II
CIV-E1040	Construction Management	5	II
CIV-E1050	Heat and Mass Transfer in Buildings	5	I
CIV-E1060	Engineering Computation and Simulation	5	II
