

Course: Experience learning 1

credits: 6

Course code	BVVH19DEEXP1	Modes of delivery	Action learning
Name	Experience learning 1		Assignment
Study year	2019-2020		Individual supervision
ECTS credits	6		Peer feedback
Language	English		Practical / Training
Coordinator	O.M. Akkerman		Project-based learning
			Simulation
			Supervision
		Assessments	Experience learning 1 - Other assessment

Learning outcomes

1. The student can make a project plan
2. The student can make a statement of requirements
3. The student can make a preliminary design of several alternatives and can select (underpinned) the best alternative.
4. The student can make the necessary technical calculations needed for the design
5. The student can make a detailed design of the chosen alternative
6. The student can make a cost estimate and a construction site planning.
7. The student knows how to report the design and other findings in a complete, correct and transparent way

Content

'Experience Learning 1' is a case study of the adjustment of polder pumping station Schaphalsterzijl. We start with some project management that you need for the team work during this case study. You work in a group of 3-5 students. You apply fluid mechanics theory to select a pump for pumping station Schaphalsterzijl and design its construction.

Included in programme(s)

Minor Delta Engineering
Built Environment Exchange Delta Engineering (spring)

School(s)

School of Architecture & Built Environment

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