

Vak: Experience learning 1

credits: 6

Vakcode BVVH19DEEXP1
Naam Experience learning 1
Studiejaar 2019-2020
ECTS credits 6
Taal Engels
Coördinator O.M. Akkerman

Werkvormen Action learning
Individueel
Intervisie
Opdracht
Practicum / Training
Projectonderwijs
Simulatie
Supervisie

Toetsen Experience learning 1 - Overige toetsing

Leeruitkomsten

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

Inhoud

'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.

Opgenomen in opleiding(en)

Minor Delta Engineering
Built Environment Exchange Delta Engineering (spring)

School(s)

Academie voor Architectuur & Built Environment

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