

General dredging course

Let the General dredging course improve your knowledge of the dredging industry. Subjects like equipment selection, different dredging applications, dredging processes, hydrographic surveying, soil characteristics and project management are covered in this intensive two-week program.

Target audience

The training is designed for both technical and non-technical professionals in dredging related industries. It will be beneficial for operators, technicians, project managers and engineers working for governments, port and harbour authorities, offshore companies, construction companies, dredging contractors etc.

Training method

This program will feature several excursions, a guest lecture about the Port of Rotterdam and a one-day simulator experience on an IHC Beaver® cutter suction dredger.

Excursions and presentations

The General dredging course includes a range of engaging activities and inspiring field excursions:

- **simulator experience**
This one-day experience allows you to develop a firm grasp of the nature of operations on board an IHC Beaver® 6518 cutter suction dredger.
- **visit to Maasvlakte II**
Unique opportunity to visit Europe's largest seaport and its latest expansion and reclamation project, Maasvlakte II.
- **visit to delta works and Maeslantkering**
The delta works are the masterpiece of Dutch hydraulic engineering. The 'Maeslantkering' storm surge barrier, a vital component of the delta works, is one of the world's biggest moving structures and can be seen from up close.



Training topics

- different dredging applications within a port eg. maintenance dredging, capital dredging
- dredge project phases
- identification, investigation, feasibility studies, design, construction and maintenance
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- dredging equipment types and boundaries for their use
- scoping site conditions
- soil characteristics, environmental aspects
- fundamentals of hydrographic surveying
- dredge project management including costs and contracts
- fundamentals of hydraulic transportation and dredge pumps
- environmental aspects of dredging.

Learning goals

- gain overview of different dredging processes, dredging equipment and dredging projects
- set-up of dredging organisation and project teams identify the dredging constraints in relation to dredging project and equipment
- explain the value of site investigation and surveying.

Course material

Participants will receive a memory stick of the training.

Certificate

Participants will receive a certificate of participation after the training.

Language

English.

Location

The training is held at the IHC Training Institute in Kinderdijk, the Netherlands – right at the Royal IHC construction yard.

Training fee

The training fee is € 3,975,- per person. Full payment of the training fee has to be transferred to our bank account at least two weeks before the start of the course.

(This fee includes tuition, literature, lunch, transportation between selected hotels and training location and refreshments during all training days. Not included are costs such as airport transfers, hotel accommodation, meals, etc.)

Cancellation

- cancellation up to 14 days prior to the training: 10% of the fee is charged
- cancellation between 14 days prior until the day before the start of the training: 50% of the training fee is charged
- cancellation on or after the starting date of the training: full training fee is charged.

Registration

For more information and registration, please send an email to: training@royalihc.com