

# General dredging course

Improve your knowledge of the dredging industry with our general dredging course. In this intensive two-week program you will learn more about equipment selection, different dredging applications, dredging processes, hydrographic surveying, soil characteristics and project management.

## Who is this course suitable for?

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

## Training method

This program will feature several excursions, a guest lecture on the Port of Rotterdam and several Royal IHC simulator experiences.

## Excursions and practicums

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

- **simulator experience**  
During several sessions you will be trained on various Royal IHC simulators.
- **visit to Maasvlakte II**  
Unique opportunity to visit Europe's largest seaport and its latest expansion and reclamation project, Maasvlakte II.
- **(dis)assembly of a dredge pump**  
A hands-on practicum in which you will disassemble and reassemble a dredge pump.
- **visit to Port of Rotterdam**  
Visit the dredge desk of the Port of Rotterdam and learn more on how they carry out maintenance dredging.



### Training topics

- different dredging applications within a port eg. maintenance dredging, capital dredging
- dredge project phases
- identification, investigation, feasibility studies, design, construction and maintenance
- 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 the training content digitally.

### Certificate

Participants will receive a certificate of attendance following completion of the training.

### Language

English.

### Duration

The training takes ten full days.

### Location

The training is held at the Royal IHC construction yard in Kinderdijk, the Netherlands.

### Training fee

The fee for this training is € 4,700,- per person. Full payment of the training fee must be received at least four weeks before the start of the course. 21% VAT is applicable to training provided in the Netherlands. *(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

- up to 4 weeks prior to the training: full reimbursement
- between 2 to 4 weeks prior to the training: 50% of the training fee will be reimbursed
- less than 2 weeks prior to the training: training fee is non refundable.

### Registration

For more information and registration, please email to: [training@royalihc.com](mailto:training@royalihc.com)