



DIGITAL SOLUTIONS

HULL MODELLING FOR HYDRODYNAMIC ANALYSIS - INTRODUCTORY

Course code: SE-03

Duration: 2 days

Prerequisite:

Basic knowledge in hydrostatic and hydrodynamic analysis is required. No previous experience in the use of Sesam is necessary.

DESCRIPTION

The course focuses on panel modelling of floating shell structures for the purpose of hydrostatic and hydrodynamic analysis. Mass modelling will be briefly discussed. The modelling tool will be the module GeniE. Exercises in panel modelling of a barge and a semi-submersible are included. There will also be a session on importing data from CAD.

LEARNING OBJECTIVES

Learn how to create panel models for use in hydrostatic and hydrodynamic analysis in Sesam.

TARGET GROUP

Structural engineers and naval architects involved in hydrostatic and/or hydrodynamic analysis of fixed and floating offshore structures.