



DIGITAL SOLUTIONS

NAUSICUS HULL - 3D BEAM

Course code: NA-08

Duration: 0.5 days

Prerequisite:

Basic understanding of the FE method and strength calculations.

DESCRIPTION

The course is a presentation of the 3-dimensional frame structure analysis program 3D Beam. This program can be used at an early stage for evaluation of strength of ship frames, as well as grid structures and frame structures in general. The course will describe how to create geometry, apply profiles, material, loads etc., and present the analyses results in way of displacements and beam forces and stresses.

The course will be a combination of lectures and hands-on training. The hands-on training will be a detailed step-by-step description of the modelling and analysis process.

LEARNING OBJECTIVES

After the course you should be able to carry out beam element analysis using 3D Beam.

TARGET GROUP

Naval architects, designers, hull structural engineers and approval engineers with no or limited experience in using Naucius Hull.