



## Dive into the World of NAPA, 6 days Basic Online Training!

The initial training course is intended for people with none or very little NAPA knowledge. After the course, the participants have basic knowledge about NAPA as a ship design and statutory calculation program. The participants can create their own ship project from scratch and after defining all the necessary definitions, conduct calculations and output with the created 3D ship model.

The course is split into two parts: Geometry and Calculations.

### Contents

#### Part 1 – Geometry

The first part of the course focuses on geometry modeling with NAPA. The participants learn about NAPA geometric objects, how to use them to create the hull surface and the complete 3D ship model. The basic hydrostatic analysis for the watertight hull and the individual watertight compartments is conducted by using the created ship model.

- Day 1: Introduction to NAPA, frame system, curves, exercises
- Day 2: Grid surface, IGES import, hydrostatic calculations, Transformation, exercises
- Day 3: Special surfaces, Compartments, exercises

#### Part 2 – Calculations

This second part focuses on the calculation tasks of NAPA. The participants define loading conditions and then use them for intact stability criteria assessment. Both deterministic and probabilistic damage stability (acc. to SOLAS II-1) as well as damage stability criteria are covered during this part.

- Day 4: Ship model, Capacity calculation, Preparations for stability calculations, loading conditions, intact stability criteria, exercises
- Day 5: Deterministic damage stability and damage stability criteria, output, exercises
- Day 6: Introduction to probabilistic damage stability calculations acc. to SOLAS II-1 (SOLAS 2009/2020), exercises



# NAPA Basic Online Training

## Daily Schedule

Start of the day at 9:00

Coffee break (10:30)

Training will end at 13:00 every day

NOTE:

1. Schedule of each day may change due to training progress
2. Training time will be done according to Singapore Time Zone (GMT+8)

## Fee

1500 EURO