



## Introduction to Safety (C003626)

Cursusomvang (nominale waarden; effectieve waarden kunnen verschillen per opleiding)

Studiepunten 3.0      Studietijd 90 u      Contacturen 24.0 u

Aanbodssessies in academiejaar 2018-2019

A (semester 1)      Engels

Lesgevers in academiejaar 2018-2019

Annaert, Axel      103879      Verantwoordelijk lesgever

Sensen, Christophe      103879      Medelesgever

Aangeboden in onderstaande opleidingen in 2018-2019

	stptn	aanbodssessie
<a href="#">Postgraduate Hydrography B</a>	3	A

Onderwijstalen

Engels

Trefwoorden

Situering

Basic knowledge of subjects, methodology and their practice

Inhoud

GMDSS

Describe the means by which navigational warnings are provided to ships at sea using Global Marine Distress and Safety System Explain how to obtain and apply navigational warnings Explain the relative advantages of VHF, SSB, wireless telephone and satellite communications List the important VHF channels and their uses for vessels Use the Admiralty List of Radio Signals and GMDSS Explain the operation of Emergency Position-Indicating Radio-Beacons (EPIRB) Describe how vessel traffic services (VTS) operate and where to find the necessary information

SAFETY

How to communicate with other persons on board on elementary safety matters and understand safety information symbols, signs and alarm signals;

Know what to do if:

- a person falls overboard,
- fire or smoke is detected, or
- the fire or abandon ship alarm is sounded;

How to identify muster and embarkation stations and emergency escape routes; Locate and don lifejackets;

How to raise the alarm and have basic knowledge of the use of portable fire extinguishers;

How to take immediate action upon encountering an accident or other medical emergency before seeking further medical assistance on board; and

Know how to close and open the fire, weathertight and watertight doors fitted in a ship other than those for hull openings;

Know how to survive at sea in the event of ship abandonment;

Know how to comply with emergency procedures;

Know how to take precautions to prevent pollution of the marine environment;

Know how to observe safe working practices;

Know how to contribute to effective communications on board ship;

Know how to contribute to effective human relationships on board ship;

Understand and know how to take necessary actions to control fatigue.

Begincompetenties

Initial competences:

Bachelor's degree or equivalent  
Good knowledge of English  
Good knowledge of physics  
Relationship to other courses:  
HB310 - Navigation, HB390 - Legal aspects

#### Eindcompetenties

- 1 Ability to identify, understand, apply and evaluate.
- 2 The student possesses qualities required by the STCW-code: A-VI/1.2.1.1.1, AVI/1.2.1.1.4 and the content of the Safety Familiarisation training.

#### Creditcontractvoorwaarde

Toelating tot dit opleidingsonderdeel via creditcontract is mogelijk mits gunstige beoordeling van de competenties

#### Examencontractvoorwaarde

Dit opleidingsonderdeel kan niet via examencontract gevolgd worden

#### Didactische werkvormen

Hoorcollege, veldwerk, werkcollege

#### Leermateriaal

Syllabus  
SOIAS Convention as amended ISA Code as amended ISM Code as amended IIO  
Code of Practice for Accident Prevention on Board Ship at Sea and in Port Code of Safe Working Practices for Merchant Seamen IAMSAR (International Aeronautical and Maritime Search And Rescue)  
- Volume I : Organisation and Management (organisatie en beheer)  
- Volume II : Mission co-ordination (coördinatie van een opdracht)  
- Volume III: Mobile facilities (Mobiele hulpmiddelen)  
SAR Convention  
GMDSS handbook  
GMDSS Master Plan  
IAMSAR Manuals  
Admiralty Radio Signals - Volume 5 : GMDSS  
ITU publications - Inmarsat Maritime Communications Handbook

#### Referenties

IHO Standards of competence edition S5 2011

#### Vakinhoudelijke studiebegeleiding

#### Evaluatiemomenten

periodegebonden en niet-periodegebonden evaluatie

#### Evaluatievormen bij periodegebonden evaluatie in de eerste examenperiode

Schriftelijk examen, mondeling examen

#### Evaluatievormen bij periodegebonden evaluatie in de tweede examenperiode

Schriftelijk examen, mondeling examen

#### Evaluatievormen bij niet-periodegebonden evaluatie

Werkstuk

#### Tweede examenkans in geval van niet-periodegebonden evaluatie

Examen in de tweede examenperiode is mogelijk

#### Toelichtingen bij de evaluatievormen

Semester 1: Written/Oral -: None  
Fieldwork: Permanent Evaluation  
Assessment methodology  
The final figure of assessment is composed of:  
• 50% semester 1 (exams)  
• 50% semester 2 (permanent evaluation)

#### Assessment criteria

Permanent evaluation: this evaluation is based upon the training record book in relation to the number of tasks carried out and the comments of the supervisor(s) expressed in written in the book.

#### Eindscoreberekening

