



Course syllabus

Faculty of Technology

Kalmar Maritime Academy

4SJ01A Sjösäkerhet och Sjöfartsskydd, 7,5 högskolepoäng

Maritime Safety and Security, 7.5 credits

Main field of study

Maritime Science

Subject Group

Shipping

Level of classification

Second Level

Progression

A1N

Date of Ratification

Approved by Faculty of Technology 2014-06-17

The course syllabus is valid from spring semester 2015

Prerequisites

180 ECTS credits in a relevant area of maritime science and English language skills corresponding to English B, IELTS or TOEFL.

Objectives

Knowledge and understanding

After completing the course, the participant shall have:

- Acquired knowledge and understanding of relevant theories of maritime safety and security, and their progression over the past decades.
- Acquired knowledge and understanding of the main challenges and possibilities of maritime legislative and self-regulatory management systems.

Competence and skills

After completing the course the participant shall have:

- Attained the ability to verbally and in writing critically discuss how maritime safety and security issues are developed and maintained using different theoretical standpoints.
- Attained the ability to independently and based on scientific knowledge identify, analyse and recommend solutions for future maritime safety and security management, presented verbally and in writing.

Content

This course aims to question and problematize legislation, policy, education and practice concerning maritime safety and security.

The course includes the following elements:

- The terminology and theories on risk, safety and security.
- Criteria for safety-critical systems and positions.
- Maritime compliance culture and administrative burden.
- Ship inspections from auditor and auditee perspective.

The course consists of three mandatory physical meetings. The first meeting is a start-up in Kalmar with information and lectures, followed by self-studies. Additional material will be available on the e-learning platform MyMoodle. The second meeting consists of literature seminars in Kalmar, followed by completion of a written report. The third meeting will be a one day seminar on the written reports.

Type of Instruction

Lecturers, seminars and activities on MyMoodle platform.

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

The examination is based on written reports, oral presentations and active participation during seminars.

On request, students may have their credits translated to A-F marks (equal to ECTS). Such a request must be sent to the examiner before the grading process starts.

Course Evaluation

A written and oral course evaluation is carried out during the third meeting and compiled in a report, which will be presented for analysis within a Vasco da Gama meeting. Other types of course evaluations, for example regular evaluations throughout the course or discussions with students, will be included and encouraged with the aim of ensuring continuous quality development.

Required Reading and Additional Study Material

Required reading

Dekker, Sidney (2007). *Just culture: balancing safety and accountability*. Aldershot, England: Ashgate

Jones, Steven (2013). *Maritime security handbook: coping with piracy*. London: Nautical Institute

Perrow, C. (2011). *Normal accidents: living with high-risk technologies*. New Jersey: Princeton University Press.

Additional study material

Jones, Steven (2013). *Maritime security handbook: stowaways by sea*. London: Nautical Institute

Reason, James (2008). *The human contribution: unsafe acts, accidents and heroic recoveries*. Farnham: Ashgate