

# **ERASMUS MARINE PROPULSION SYSTEMS**

**It is a mandatory STCW course for electrotechnical officer students.**

# Aim of the course

2

- The course explains important propulsion plant features in the first part and, most of the auxiliary equipment and systems automation in the second part.
  - In the first part of the course different plant with main characteristics are explained. (Dis)advantages and possibilities in an emergency situation are explained too. Basic engineering terms such as power, force, velocity and slip are explained.
  - In the second part characteristics of most of auxiliary systems installed on-board ships are explained, particularly automation elements and methods.
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# Student obligations

3

- Since, only few students select this course, there aren't regular lessons on a weekly basis. On student demand two 3 – 4 hours lectures are given. Upon each of two lectures a homework is set, followed by a partial exam.
  - Each partial exam and homework is scored.
  - This score is multiplied by an arbitrary coefficient because of a language barrier and a technical approach.
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