Code : 7 Chemistry

ECTS Credits 3 Number of hours per week: 2+0+1

Forms of assessments: Types of assessment:

Exam Exam + written

Department : Ecology and Environment Safety

Lecturer : Assoc. Prof. V.Yaneva

Annotation :

Chemistry is compulsory discipline for the students of Naval Architecture and Marine Technology and is fundamental for the others subjects concerning engineers and specialized training. During the course some basic learning must be obtained on the structure and properties of the matter, chemical and thermodynamic processes, electrochemical systems, corrosion, physical and chemical parameters of the fuels and mineral oils also polymers.

Main parts of content :

* Structure and properties of the matter
* Chemical Thermodynamic
* Electrochemistry
* Corrosion of metals
* Corrosion protection
* Fuels
* Lubricants and Cooling materials
* Water as cooling agent and for power needs
* Chemistry of the polymers

Structure of educational process: Lectures and Laboratory exercises. Two test during lectures and problems for home work.