

Code: 04,,Fundamentals of Naval Architecture and Marine Technology”

ECTScredits: 6

Number of hours per week: 2+0+1

Forms of assessments:Exam

Types of assessment: Exam - written

Department, providinginstruction on the discipline:

Department: *NAVAL ARCHITECTURE AND MARINE ENGINEERING*
FACULTY OF SHIPBUILDING

Lecturer: Ass.Prof.P.Georgiev

Department: *NAVAL ARCHITECTURE AND MARINE ENGINEERING*

Tel..

e-mail: ...

Annotation: The discipline is a part of education Plan of students Naval Architecture and Marine Technology, Bachelor degree in 1-st semester. The main target of the subject to make students familiar with basic definitions and characteristics of complex technical systems, classification of ships, vessels capabilities on sea, exploitation parameters of ship constructions and systems. The accent falls upon mathematical and physical principles. During laboratory exercises some practical problems are solved using also multimedia equipment and software.

Main issues of the syllabus content:

- Basic Mathematical principles, Physical quantities
- Classification and features of ships and marine facilities
- Main dimensions of the ship
- Ship theory
- Ship parameters
- Stages in ship project realization
- Technology of shipbuilding

Content presentation:

Lectures and laboratory exercises with a lot of materials, short movies in order to assimilate the terminology and physics of the processes.