

Discipline	STRUCTURE AND STRENGTH OF SHIPS PART 1 code 30 5 semester – /winter /	
Specialty	NAVAL ARCHITECTURE and MARINE TECHNOLOGY	
ECTS credits: 5	Form of assessment: EXAM	
Lecturer	Assoc. Prof. Christo Pirovsky Room 402M Phone: +359 52383 290 E-mail: <a href="mailto:christo.pirovsky@tu-varna.bg">christo.pirovsky@tu-varna.bg</a>	☺
Department	Naval architecture, Marine engineering	
Faculty	SHIPBUILDING	
Learning objectives: Main aim of the discipline is students to gain strong knowledge and background in main structural elements of the ship. The course examines the set systems and structural features in the middle, stern, bow parts of the ship's hull, bulkheads and superstructure.		
CONTENTS:		
Training Area	Lectures	Lab sessions
Introduction. Classification of ships and marine structures	4	4
Framing systems of ship structures	2	2
Hull plating of the ship	2	2
Bottom structure of the ship	4	4
Side structure of the ship	4	4
Deck structure of the ship	4	4
Bulkhead construction	4	4
Superstructure of the ship	4	4
Foundations, bulwarks, pillars	2	2
TOTAL: 30 hours	<b>30</b>	<b>30</b>