


Discipline	<p style="text-align: center;">TECHNICAL DOCUMENTATION in SHIPBUILDING code: 18 3 semester – /winter /</p>		
Specialty	NAVAL ARCHITECTURE and MARINE TECHNOLOGY		
ECTS credits: 7	Form of assessment: CONTINUOUS ASSESSMENT		
Lecturer	Assist. Prof. Yordan Denev Room 415M Phone: +359 52 383 E-mail: ydenev@tu-varna.bg		
Department	NAVAL ARCHITECTURE and MARINE ENGINEERING		
Faculty	SHIPBUILDING		
<p>Learning objectives:</p> <p>The discipline ensures study of rules and requirements for drafting documentation while providing specialized knowledge in the field of Naval Architecture and Marine Engineering.</p> <p>Students are engaged to study in details shipbuilding drawing and how to create specialized technical documentation following the standards and norms of Unified system for Design documentation.</p>			
CONTENTS:			
Training Area	Hours lectures	Hours seminar exercises	Hours laboratory exercises

Documents in shipbuilding	4		
Drawing of special curves in shipbuilding	2		
Theoretical drawing of ship hull	4		
AutoCAD in shipbuilding	3		
Theoretical drawings in shipbuilding	4		
Constructive drawings in shipbuilding	3		
Non-disassemblable and disassemblable joints in shipbuilding	4		
Types of structural nodes in ship hull	2		
Specialized documentation in shipbuilding	2		
Diagrams of ship hull	2		
Midsection drawings - exercise		5	
Ship hull longitudinal section drawings - exercise		5	
Assembly model from general ship equipment - exercise		5	
General arrangement drawing of of ship hull			4
Assembly drawing of ship system			4
Drawing of ship hull structures			4
Assembly drawing of ship systems; ship hull structures			6
Drawing - flat sections and volumetric sections of ship hull			8
Diagrams for dividing ship hull into sections and blocks. Diagrams for docking ships.			4
TOTAL: 90 h	30	15	30

Course Project 15 hours

Course project gathers all gained knowledge in order to provide a drawing of ship hull