

Discipline	PRACTICAL TRAINING-1 code 21 3 semester – /winter /	
Specialty	NAVAL ARCHITECTURE and MARINE TECHNOLOGY	
ECTS credits: 3	Form of assessment: Pass/Failed	
Lecturer	Phone: 052/383283 E-mail: dep.tmmm@tu-varna.bg	☺
Department	Manufacturing engineering and machine tools	
Faculty	Mechanical engineering and technology	
Learning objectives:		
The main aim is students to acquire skills for technical maintenance of ship technical equipment. Practical training covers locksmith activities, work with universal metalworking machines and tools.		
CONTENTS:		
Training Area		Practical training
Introduction to safety and labor protection		4
Measurements and measurement tools		4
Work with abrasive tools and machines		5
Cutting – equipment and tools.		5
Processes of bending – metal sheets, pipes, etc.		6
Locksmith tools and operations. Filing operations		6
Drilling operations and drilling machines		11
Hand threading. Riveting operations		9
Universal milling operations and machines		10
Universal lathes, operations on lathes		30
TOTAL: 90 h		90