

Code: 42,,Welding of Marine Structures”

ECTScredits: 4

Forms of assessments:Exam

Number of hours per week: 2+0+2

Types of assessment: Exam - written  
with oral discussion

Department, providinginstruction on the discipline:

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

Lecturer: Assoc. Prof. Dr. Pl. Dichev

Department: NAVAL ARCHITECTURE AND MARINE ENGINEERING

Tel.+359 52 383 364

e-mail: p\_dischev@abv.bg

Annotation:The aim of the course is to acquaint students with the basic principles and activities in the field of welding with applicability in the building and repair of ships and marine structures

Main issues of the syllabus content:

- Theoreticalbases of heatdistribution;
- Heatsources;
- Weldingmethods;
- Welding of steelgrades;
- Non-ferrousmetalwelding;
- Weldingstressesanddeformations;
- Weldingcontrol.

Content presentation:

- Lectures
- Laboratory exercises