

Discipline	MARINE DIESEL ENGINES-2 Project code: 38		2nd Semester Third Year
Specialty	MARINE ENGINEERING		
ECTS credits: 5	Form of assessment: Project defence		
Lecturer	Assoc. prof. Christo Pirovsky Room 402M Phone: +359 52 383 302 E-mail: .christo.pirovsky@tu-varna.bg		
Department	Department of Naval Architecture, Marine Engineering		
Faculty	Faculty of Shipbuilding		
Learning objectives:			
/ANNOTATION/			
The aim of the course project is to familiarize students with design stages of diesel engines and applies the methods of work processes, design of individual elements and components of dynamic balancing of forces and moments of inertia.			
The syllabus is developed in accordance with the requirements of IMO Model Courses 7.04			
CONTENTS:			
Geometry design			
Design of indicator process			
Design of engine workflow processes			
Force analysis			
Drawings – cross and long cut sections			
Total: 30 ECTS credits: 5			