

Faculty of Maritime Studies / MARITIME SCIENCES / PLANNING OF CARGO CARRIAGE

Course:	PLANNING OF CARGO CARRIAGE			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
5341	Mandatory	2	4	3+1+0
Programs	MARITIME SCIENCES			
Prerequisites	No conditions for subject enrollment and attendance.			
Aims	To introduce students with a different kind of vessels and cargo, with the basics of cargo loading, stowage and discharging including contemporary practice and models in carriage of cargo.			
Learning outcomes	Knowing the planning of loading and stowing of different types of cargo taking into account the structural safety of the vessel and its commercial effect. Knowing the specifics of general, bulk, liquid and hazardous cargo and precautionary measures during their transportation. Knowing the international regulations regarding the maritime transport of certain types of cargo. Making plans for loading and unloading. The use of computers in the function of planning of cargo loading.			
Lecturer / Teaching assistant	Phd Rino Bošnjak, MSc Igor Petrović, Capt.			
Methodology	Lectures, simulator practical work, computer practice, individual homework, debates and consultations.			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Analysis of technical-technological characteristic different type of vessel and cargo.			
I week exercises				
II week lectures	The safe handling, stowage, securing and transport of cargo regarding seaworthiness of ship.			
II week exercises				
III week lectures	Planing of cargo carriage taking care about safety and commercial effect.			
III week exercises				
IV week lectures	Contemporary technology carriage of general cargo.			
IV week exercises				
V week lectures	Plannig of carriage bulk cargo with the bulk carrier vessel.			
V week exercises				
VI week lectures	Specific of planning carriage of liquid cargo with tanker vessel.			
VI week exercises				
VII week lectures	The First Compulsory Assignment.			
VII week exercises				
VIII week lectures	Specific of planning loading, stowage and carriage of dangerous cargo.			
VIII week exercises				
IX week lectures	Planning of loading, stowage and carriage of special cargo.			
IX week exercises				
X week lectures	Transport of cargo – plans and actions conform with international regulations.			
X week exercises				
XI week lectures	Practical draws up a cargo plan from given information.			
XI week exercises				
XII week lectures	Practical draws up a cargo plan from given information different ports.			
XII week exercises				
XIII week lectures	Appliance of Loadmaster – loading computer.			
XIII week exercises				
XIV week lectures	The Second Compulsory Assignment.			

XIV week exercises						
XV week lectures	New technology in planning and cargo carriage by the vessel.					
XV week exercises						
Student workload	Per week 4 credits x 40/30 = 5 hours and 20 minutes Structure: 3 hours of lecture 1 hour of practical skills 1 hour and 20 minutes of individual work and consultations In semester Lecture and final exam: 5 hours and 20 minutes x 16 weeks = 85 hrs 20 minutes Necessary preparations: 2 x 5 hours i 20 minutes = 10 hours i 40 minutes Total subject load: 4 x 30 = 120 hours Remedial classes: 120 - 96 = 24 hours Load structures: 85 hours and 20 min (lecture) + 10 hours and 40 min (preparation) +24 hours (remedial classes)					
Per week			Per semester			
4 credits x 40/30=5 hours and 20 minuts 3 sat(a) theoretical classes 0 sat(a) practical classes 1 excercises 1 hour(s) i 20 minuts of independent work, including consultations			Classes and final exam: 5 hour(s) i 20 minuts x 16 =85 hour(s) i 20 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 5 hour(s) i 20 minuts x 2 =10 hour(s) i 40 minuts Total workload for the subject: 4 x 30=120 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 24 hour(s) i 0 minuts Workload structure: 85 hour(s) i 20 minuts (cources), 10 hour(s) i 40 minuts (preparation), 24 hour(s) i 0 minuts (additional work)			
Student obligations			Students are obliged to attend lectures, submit homework assignments and both of compulsory assignments.			
Consultations						
Literature			1. Vranić, D., Tereti u pomorskom prometu, Visoka pomorska škola, Rijeka. 2000. 2. Vranić, D., Pomorski prevoz robe u teglenicama, Fakultet za pomorstvo i saobraćaj, Rijeka, 1986. 3. Vranić, D., Kompjuterska obrada krcanja broda, Pomorski fakultet Rijek			
Examination methods			The first Compulsory Assignment (or Seminary work), from 0 to 22,5 points. The second Compulsory Assignment (or Seminary work), from 0 to 22,5 points. Participation during lectures and debates, from 0 to 5 points. Final exam, from 0 to 50 points. Passing mark is obtained if the student collects at least 50 points			
Special remarks						
Comment						
Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points