

## ECTS catalog with learning outcomes University of Montenegro

## Faculty of Maritime Studies / MARINE ELECTRICAL ENGINEERING / PROGRAMMING AND DATA BASES

Course:	PROGRAMMING AND DATA BASES							
Course ID	Course status	Semester	ECTS credits	<b>Lessons</b> (Lessons+Exer cises+Laboratory)				
10756	Mandatory	3	6	2+0+2				
Programs	MARINE ELECTRICAL	MARINE ELECTRICAL ENGINEERING						
Prerequisites								
Aims								
Learning outcomes								
Lecturer / Teaching assistant								
Methodology								
Plan and program of work								
Preparing week	Preparation and regis	stration of the semester						
I week lectures								
I week exercises								
II week lectures								
II week exercises								
III week lectures								
III week exercises								
IV week lectures								
IV week exercises								
V week lectures								
V week exercises								
VI week lectures								
VI week exercises								
VII week lectures								
VII week exercises								
VIII week lectures								
VIII week exercises								
IX week lectures								
IX week exercises								
X week lectures								
X week exercises								
XI week lectures								
XI week exercises								
XII week lectures								
XII week exercises								
XIII week lectures								
XIII week exercises								
XIV week lectures								
XIV week exercises								
XV week lectures								
XV week exercises								



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Student w	orkload						
Per week		Per semester					
6 credits x 40/30=8 hours and 0 minuts 2 sat(a) theoretical classes 2 sat(a) practical classes 0 excercises 4 hour(s) i 0 minuts of independent work, including consultations			Classes and final exam:  8 hour(s) i 0 minuts x 16 =128 hour(s) i 0 minuts  Necessary preparation before the beginning of the semester (administration, registration, certification):  8 hour(s) i 0 minuts x 2 =16 hour(s) i 0 minuts  Total workload for the subject: 6 x 30=180 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)  36 hour(s) i 0 minuts  Workload structure: 128 hour(s) i 0 minuts (cources), 16 hour(s) i 0 minuts (preparation), 36 hour(s) i 0 minuts (additional work)				
Student obligations							
Consultations							
Literature							
Examination methods							
Special remarks							
Comment							
Grade:	F	Е	D	С	В	А	
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	