(cf. RNCIS: http://www.rncis.ro/portal/page?_pageid=117,70218&_dad=portal&_schema=PORTAL) Title and name of qualification						
						Graduation title
Name of qualification	Robotics	Qualification code	L20703025020	Contact person	Contact ACPART ACPART	
Identification elements related to qualifi	cation					
Education level:	Bachelor Studies					
Fundamental domain of study:	Engineering sciences	Engineering sciences				
Branch of science:	Mechanical engineering, n	Mechanical engineering, mechatronics, indutrial engineering and management				
Domain-based ranking:	Mechatronics and robotics	Mechatronics and robotics				
Domain of study:	Mechatronics and robotics	Mechatronics and robotics				
Study programme:	Robotics	Robotics				
Total number of credits:	240					
Length of study:	4 years					
Prerequisites:						
Details:						
Summary of qualification						
Professional competences:						
Aplying the general technical culture and specialit Developing and using schematics, structural and fu Execution of local automation applications in mec	unctional diagrams, graphical represer	ntations and specific tec	chnical documents for th	he Mechatron	ics and Robotics fie	
Design and execution of partial assemblies for rob actuating systems and integrating the required se	-	d design, components c	dimensioning and verify	ing, selecting	and verifying the	
Design and execution of the general assembly for used in robotic applications, implementing 3D aid processes						
3D aided synthesis of a general assembly for robor robots (via teaching), behaviour modelling throug prototyping techniques (beginner level)		• ·				
Cross- disciplinary competences:						
Acomplishing of the professional tasks with exact execution times	identification of the achievable object	ives, available resource	s, final conditions, work	stages, work	time and respective	
Responsible execution of pluridisciplinary team ta	sks by asuming roles at different hiera	rchical levels				
Identifying the need for continuous improvement development (internet portals, specialized softwa						