

(cf. RNCIS: http://www.rncis.ro/portal/page?_pageid=117,70218&_dad=portal&_schema=PORTAL)

Title and name of qualification

Graduation title	Engineer				
Name of qualification	Electromechanics	Qualification code	L20201009050	Contact person	Contact ACPART - ACPART

Identification elements related to qualification

Education level:	Bachelor Studies
Fundamental domain of study:	Engineering Science
Branch of science:	Electrical engineering, electronics and telecommunications
Domain-based ranking:	Electrical and power engineering
Domain of study:	Electrical engineering
Study programme:	Electromechanics
Total number of credits:	240
Length of study:	4 years
Prerequisites:	
Details:	

Summary of qualification

Professional competences:

- The appropriate application of the fundamental knowledge in mathematics, physics, chemistry, specific to the field of electrical engineering.
- Operating with fundamental concepts and computer science and IT.
- The appropriate application of knowledge related to energy conversion, electromagnetic and mechanical phenomena specific to static or electromechanical converters and to electrical equipment and electromechanical drives.
- The use of the techniques of gauging electric and non-electric magnitudes and the data acquisition systems in electromechanical systems
- Automation of the electromechanic processes.
- Performing activities of exploitation, maintenance, service and system integration.

Cross- disciplinary competences:

- The identification of the targets, available resources, conditions of the achieved objectives, work stages, work time, deadlines and the respective risks.
- The identification of the roles and responsibilities in a multidisciplinary work team and the application of the relational techniques and efficiency within the work team.
- The effective use of information and communication sources, and of the assisted professional training (Internet portals, specific software, databases, online courses, etc.) both in Romanian and in an international language.