

(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	Power system engineering	Qualification code	L20201011010	Contact person	Contact ACPART - ACPART

Identification elements related to qualification

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

Summary of qualification

Professional competences:

Use of the knowledge regarding the functioning principles and the impact on the environment when generating, transmitting and distributing the electric and thermal energy

Explanation and interpretation of the general and specific concepts regarding the technological processes of the energy using systems

Solving the problems concerning the dimensioning, functioning and maintenance of the energetic equipment and installation

Critical-constructive use of the basic elements of the energetic systems management, considering the field-specific legislation and the principles governing the energy market

Creative and innovative use of the basic knowledge for modeling, designing and exploiting electrical networks

Application of the basic knowledge related to the command, control and exploitation of the electro-energetic systems under restricted autonomy and responsibility conditions

Cross- disciplinary competences:

Identification of the objectives to be fulfilled, of the existing resources, of the finishing conditions, of the work stages, of the work times, of the deadlines and possible risks

Identifying roles and responsibilities within a multidisciplinary team and applying efficient interrelating and working within a group techniques

Efficient use of sources of information, communication and assisted professional training resources (Internet portals, specialized software, data bases, online courses, etc..) both in Romanian and in a foreign language.