

(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	Applied Electronics	Qualification code	L20202010010	Contact person	Contact ACPART - ACPART

Identification elements related to qualification

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

Summary of qualification

Professional competences:

Use of fundamentals in terms of devices, circuits, systems, instrumentation and electronics technology

Application of basic methods for signal acquisition and processing

Application of knowledge, concepts and basic methods related to computer system architecture, microprocessors, microcontrollers, programming languages and techniques

Design and use of less complex hardware and software applications specific to applied electronics

Application of knowledge, concepts and basic methods related to power electronics, automation systems, energy management, electromagnetic compatibility

Solving technological problems in fields of applied electronics

Cross- disciplinary competences:

Methodical analysis of field-related problems aimed at identifying acknowledged solutions, thus ensuring the accomplishment of professional tasks

Definition of activity stages and their distribution to subordinates in terms of responsibilities, providing effective exchange of information and interpersonal communication

Adaptation to new technologies, professional and personal development through continuous training, using printed documentation sources, specialized software and electronic resources in Romanian and at least one foreign language