

THE FACULTY OF ENGINEERING OF HUNEDOARA

COMPETENCES OF UPT GRADUATE IN:

Fundamental domain: Engineering Sciences

Master's degree study programme:

„ ADVANCED SYSTEMS FOR INDUSTRIAL USE OF ELECTRICITY”

(Master's study field: Electrical engineering)

Nr. crt.	Competences
C1	Implementation of knowledge regarding the electrothermal processing of materials
C2	Analysis, modeling and simulation of electrothermal processes
C3	Using and design of modern electrical machinery systems, electrical drives and static converters
C4	Operation of electrical installations in terms of electromagnetic compatibility
C5	Using artificial intelligence in controlling of processes in electrical engineering
C6	Using and design electrical installation based on equipment with programmed logic
C7	Using advanced techniques to measure the power quality