



**T.R.  
ERCIYES UNIVERSITY  
HALİL BAYRAKTAR  
VOCATIONAL SCHOOL OF HEALTH SERVICES**

PROGRAM OUTCOMES	EDUCATIONAL OBJECTIVES			
	PEO 1	PEO 2	PEO 3	PEO 4
<b>PO1:</b> Knows the basic structure of the human body; the definitions and terminology of organs and systems; their locations, anatomical relationships, and functions.				X
<b>PO2:</b> Has knowledge of health protection, diseases related to body systems, and first aid.		X		X
<b>PO3:</b> Knows radiation safety and radiation protection; protects themself, patients, and society from radiation through preventive measures.	X	X		
<b>PO4:</b> Has knowledge about the structure of the devices used and the conditions under which they should be used. Acts with an understanding of the physiological, physical, and chemical interactions and mechanisms involved in the formation of radiological images.	X			X
<b>PO5:</b> Prepares the medical imaging device and the environment for radioactive examinations. Checks the calibration of devices and ensures that maintenance and repairs are carried out on time.	X			X
<b>PO6:</b> Prepares the patient and provides information before the radioactive examination.	X		X	
<b>PO7:</b> Performs the electronic recording of images.	X			
<b>PO8:</b> Adjusts the imaging device parameters according to the patient under physician supervision.	X		X	
<b>PO9:</b> Uses fundamental knowledge of medical imaging methods and principles of physics to carry out, in radiology units within healthcare institutions, the diagnostic and therapeutic procedures deemed necessary by the physician by using relevant tools, devices, and techniques— independently or, when required, together with the physician.	X		X	X
<b>PO10:</b> Acts in accordance with social, scientific, cultural, and ethical values during the collection, interpretation, implementation, and dissemination of results of data related to the field of Medical Imaging Techniques.		X		X
<b>PO11:</b> Communicates effectively with colleagues, patients and their relatives, physicians, and other healthcare professionals.			X	
<b>PO12:</b> Has knowledge of radiological anatomy related to the radiological examinations to be performed in the field of medical imaging.	X			X
<b>PO13:</b> Uses information and communication technologies in matters related to the field and conveys professional knowledge through written and oral communication.			X	X
<b>PO14:</b> Communicates at a basic level in a foreign language and uses it in professional practice.			X	X
<b>PO15:</b> Updates knowledge, skills, and competencies related to the field with an awareness of lifelong learning, and develops themself personally and professionally.				X
<b>PO16:</b> Understands the basic professional legal regulations related to the field. Acts in accordance with social, cultural, and legal rights and responsibilities.		X	X	
<b>PO17:</b> Participates in quality management and related processes.	X			X
<b>PO18:</b> Works with other healthcare disciplines.			X	

## **Program Educational Objectives**

PEO1: To train technicians who can use medical imaging systems safely and effectively and who can implement patient preparation and quality control processes.

PEO2: To develop individuals who work in compliance with professional ethics and legislation and who are sensitive to patient safety and patients' rights.

PEO3: To educate healthcare professionals with strong communication skills, a disposition for teamwork, and a high sense of responsibility.

PEO4: To produce graduates who follow scientific and technological developments, are open to continuous learning, and can sustain their professional development.