



Aldent University, Tirana, Albania
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INTERNSHIP PLAN FOR IMAGING TECHNOLOGIST STUDENTS

Host Institution: Aldent University

Department: Medical Laboratory and Imaging Technologist

Main Supervisor's Name & Position: Ms. Gerta Halilaj, Program Coordinator of Imaging Technologist and Radiotherapy Study Program (*Email: gerta.halilaj@ual.edu.al*)

Internship Duration: 01/09/2025 – 31/10/2025

Internship Goals	<ul style="list-style-type: none">• Understand and apply radiation safety protocols and patient protection measures.• Develop skills in patient positioning, image acquisition, processing, and quality assessment across various imaging techniques (Radiography, CT, MRI, Ultrasound).• Gain proficiency in using LINACs and other radiotherapy devices.• Learn different radiation techniques (IMRT, VMAT, brachytherapy).• Enhance teamwork and communication skills in a clinical environment.• Experience cross-cultural learning and understand healthcare systems in a different country.
Internship Schedule	
Week 1: Orientation & Introduction	<ul style="list-style-type: none">• Welcome meeting and tour of the university /laboratory/hospital.• Introduction to the team and mentor assignment.• Overview of safety protocols, radiation protection, and ethical considerations.• Review of internship objectives and expectations.
Week 2-3: Basic Imaging Techniques	<ul style="list-style-type: none">• Introduction to X-ray, CT, MRI, and ultrasound equipment.• Observing and assisting radiology and imaging technologists.• Hands-on training in patient positioning and image acquisition.• Understanding image quality and troubleshooting common issues.



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Week 4-5: Advanced Imaging & Analysis	<ul style="list-style-type: none">• Introduction to advanced imaging methods, such as 3D imaging techniques.• Using image processing software for analysis and enhancement.• Understanding contrast agents and their role in diagnostic imaging.
Week 6-7: Radiotherapy Focus	<ul style="list-style-type: none">• Introduction to radiotherapy imaging techniques (e.g., CT simulation, treatment planning).• Learning patient positioning and immobilization for radiotherapy.• Exposure to the role of imaging in radiotherapy treatment (e.g., verification imaging, monitoring).• Observing radiation therapy delivery and patient care protocols.• Participating in discussions on radiation safety and protection for radiotherapy patients.
Week 8-9: Final Review, Presentation & Cultural Visit	<ul style="list-style-type: none">• Recap of skills and knowledge gained throughout the internship.• Preparing and delivering a final presentation summarizing key learnings and experiences.• Receiving constructive feedback from mentors and completing a self-assessment.• Participating in a cultural visit to explore different places and experience the local culture.