



Online Diploma in Radiology Technician

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10+2 (With Science)
You are here

Benefits to the Individual

- Transformation and Designating into Skilled and Job ready
- Radiology Technician.
Sound technical knowledge to operate and handle
- sophisticated Radiology Equipment.

Benefits to the Organization

- Availability of Skilled Human Resource to conduct Radiological imaging procedures and high tech Medical Equipment.
- Provide Technical support to Radiologists.
- Better understanding of user needs and organisational priorities.

Manager / Supervisor

Senior
Radiology
Technician

Radiology
Technician



About AIIS

Astron Institute of International Studies, an e-learning portal of the Astron Group, focused on achieving academic excellence in healthcare, quality & accreditation of healthcare services and hospital planning & design. We stand out from other e-Learning platform as a leader and offers Enterprise-Wide Training, Team Specific Training, Leadership Development program, Online & Hybrid Training for Healthcare Professionals. More than 25,000 Healthcare Professionals have been trained and certified by AIIS. With its innovative pedagogy, AIIS has personalized advanced training modules specially catering to the needs of Doctors, Nurses and Paramedical Professionals. We adopt a comprehensive learning pedagogy for upskilling of public sectors through blended approach. We perform a complete life-cycle of online learning, e-Learning solutions development, blended learning, mobile learning, curriculum development, and facilitation of workshop.

Course Overview

Radiology is a type of medical imaging that doctors use to diagnose conditions ranging from broken bones to tumours. The image is obtained by a Radiology Technician who helps doctors to diagnose and treat illnesses and injuries with greater accuracy and finesse. Diploma Program in Radiology Technology has been conceptualized to teach the candidates the basic role of a radiology technician within a healthcare setting and usage of radiology equipment. The program is designed to offer Webinar based sessions, Group sessions and on-the-job training. Diploma program in Radiology Technology is a 12 months Online program that prepares an individual for the position of a radiology equipment operator. The program has a blended approach encompassing both theory and clinical aspects. The program has been structured to provide progressive group learning among the students enrolled through case studies, assignments, presentations and group work. The program in Radiology Technology not only trains the students to work as a radiology technician, but also prepares him/her for supervisory, managerial and mentoring positions within a healthcare setting.

Who is a Diabetes Educator?

A Radiology Technician is a healthcare professional who performs diagnostic imaging procedures under the guidance of a Radiologist. Radiology technician is a trained professional who works with X-rays and other medical imaging devices such as magnetic resonance imaging (MRI) scans and computed tomography (CT) scans. They also make use of radioactive substances to aid, the diagnosis of specific medical conditions. Radiology Technicians can work at Hospitals, clinics and teaching institutes. With their adaptability in supervisory and managerial roles are also called Radiographers.

Objectives

- To learn techniques of obtaining images of high diagnostic quality and precision.
- To understand the usage of equipment in patient diagnosis and treatment.
- To understand the functioning, maintenance, monitoring and safety aspects of radiology equipment.

Eligibility Criteria

- Minimum Eligibility is 10+2 with Science from Central or State Board Education System

Program Duration

- 1 Year (9 Months Online classes + 3 Months Hospital Training)

Content

- Basics of Anatomy and Physiology
- Radiation Biology and Radiation Physics
- Radiology Equipment
- Radiographic Procedures
- Imaging Analysis
- Radiation Safety
- Infection Control Practices & Bio-medical waste Management
- Patient Care and Positioning
- Administrative Skills & Communication Skills

Evaluations and Grading

- Evaluations will collate candidate performance based on Self- Assessment, Term End Assessment, completion of Project Work, participation in Webinar, participation in student-faculty chat.
- Grading will be done based on alphabetical grade point percentage.

Certification

At the end of the program the student will be awarded a Certification from Astron Institute of International Studies and respective hospital for undergoing on-job training.