University of Bahrain
MICRO-CREDENTIAL

Radiation Safety and Quality Control in Computed Tomography

GENERAL INFORMATION

Duration: 7 Weeks

Total Hours: 120 Hours (online)

Fees: 240 BD

Credits: 3 Credits

Level: Undergraduate

Language: English

Pre-requisite: N/A

INSTRUCTOR BIOGRAPHY

Dr. Esameldeen Mohamed

Dr. Esameldeen Mohamed, Chair of Allied Health, is an Assistant Professor with expertise in radiologic sciences, medical imaging, and quality assurance, boasting 39 published papers.

Micro-credential is a short, focused course designed to equip learners with specific skills and knowledge within a specialized area. It serves as a pathway to earning an equivalent certification for a core course, offering a flexible and targeted learning experience.

COURSE OVERVIEW

This micro-credential equips Radiologic Technologists and students with essential skills to minimize radiation exposure and ensure safety while maintaining high-quality standards in CT imaging.

DELIVERY MODE

This micro-credential is delivered online through a user-friendly learning platform, offering a flexible and accessible learning experience.

ASSESSMENTS

- Online Quizzes (25%)
- Case Study Analysis (25%)
- Image interpretation (30%)
- Projects and Presentations (10%)
- Essays and Written Assignments (10%)

TARGET AUDIENCE

- RAD students
- Radiologists
- CT Technologists
- Radiologic Technologists
- Students in Radiologic Technology Programs
- Medical Physicists
- International Medical Professionals

KEY TOPICS COVERED

- Foundations of Radiation Safety
- CT Imaging Principles and Techniques
- Quality Control in Computed Tomography
- Radiation Dose Management in CT
- Diagnostic Reference Levels (DRLs) in CT
- Image Artifacts and Troubleshooting

Scan the code
for Registration

For further Information, please contact:

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https://microcredentials.uob.edu.bh/