

## RADT1102 - Fundamental Concepts of Radiologic Technology

| Credits:                        | 2 (2/0/0)  |
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| Description:                    | This course will introduce the student to foundations of the radiologic technology profession.<br>The content will include: an examination of the organization of health care facilities and<br>radiology departments, the radiologic technologist's role in the health care setting,<br>professional obligations and behaviors, employment opportunities, historical significance of<br>the profession, accreditation of educational programs, educational requirements, certification,<br>registration, and licensure processes, and human diversity in the health care setting.   |
| Prerequisites:                  |  |
| Corequisites:                   |  |
| Pre/Corequisites <sup>*</sup> : |  |
| Competencies:                   | <ol> <li>Describe the organization of health care facilities and radiology departments.</li> <li>Identify the responsibilities of members of the health care team.</li> <li>Describe the scope of practice for the radiographer as defined by the American Society of<br/>Radiologic Technologists and state licensure organizations.</li> <li>Identify professional organizations.</li> <li>Describe the professional obligations and behaviors expected of the radiologic technologist.</li> <li>Discuss the history of radiology.</li> <li>Describe the educational requirements and process for the radiologic technology student.</li> <li>Describe and differentiate the requirements of certification, registration and licensure for<br/>radiologic technology professionals.</li> <li>Identify the accreditation agencies for health care settings and radiologic technology<br/>educational programs.</li> <li>Discuss the accreditation process for educational programs.</li> <li>Explore the various employment opportunities within the imaging profession.</li> <li>Describe the importance of understanding the diversity of patients and practitioners in the<br/>health care setting.</li> </ol> |
| MnTC goal areas:                | None   |

\*Can be taking as a Prerequisite or Corequisite.