

**Program: Radiologic Technology** 

CIP: 51.0911

## LIST ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES

**SCANS Matrix** 

**Program: Radiologic Technology** 

Competencies								Carries Number	C T:41-
1	2	3	4	5	6	7	8	Course Number	Course Title
X	X		X					RADR 1409	Intro to Radiology and Patient Care
X				X			X	RADR 1411	Basic Radiographic Procedures
X				X				BIOL 2401	Human Anatomy & Physiology I
X				X			X	RADR 2401	Intermediate Radiographic Procedures
X		X					X	RADR 1313	Principles of Radiographic Imaging I
X		X	X	X	X	X	X	RADR 1166	Practicum I
X		X	X	X	X	X	X	RADR 1267	Practicum III
X				X				BIOL 2402	Human Anatomy & Physiology I
X		X		X				MATH 1314	College Algebra
X		X					X	RADR 2205	Principles of Radiographic Imaging II
X		X	X	X	X	X	X	RADR 1266	Practicum II
X		X		X			X	RADR 2309	Radiographic Imaging Equipment
X	X		X					RADR 2117	Radiographic Pathology
X							X	RADR 2331	Advanced Radiographic Procedures
X		X	X	X	X	X	X	RADR 2266	Practicum IV
X			X					ENGL 1301	Composition I
X	X			X				PSYC 2301	General Psychology
X							X	RADR 2333	Advanced Medical Imaging
X		X		X				RADR2313	Radiation Biology and Protection
X		X	X	X	X	X	X	RADR 2267	Practicum VI
X									Language, Philosophy, & Culture or
									Creative Arts Course
X		X		X			X	RADR 2235	Radiologic Technology Seminar
X		X	X	X	X	X	X	RADR 2366	Practicum V

## **COMPETENCY REFERENCES**

## 8 Basic use of computers

7 **Workplace Competencies**: resources; interpersonal skills; information; systems; and technology.

6 **Personal Qualities**: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.

- 5 **Thinking Skills**: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively.
- 4 **Speaking and Listening**: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues.
- 3 **Arithmetic or Mathematics**: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.
- 2 **Writing**: Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.
- 1 **Reading**: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.