

# RADIOLOGIC TECHNOLOGY ASSOCIATE IN SCIENCE DEGREE

**PROGRAM CODE:** 1S03789

Financial Aide Eligible

The Cypress College Department of Radiologic Technology provides a high quality education to prepare a diverse population of students with entry levels skills needed to become competent and confident radiographers. Radiology Program Goals 1. Students will have the knowledge and skills to competently and safely perform radiographic procedures. 2. Students will develop the skills necessary to communicate effectively. 3. Students will use critical thinking and problem solving skills. 4. Students will evaluate the importance of professional development and growth. 5. The program will provide the community with entry level radiographers for employment in the healthcare setting. JRC ERT 20 North Wacker Drive, Suite 2850 Chicago, IL 60606-3182 (312) 704-5300 (312) 704-5304 (FAX) email: mail@jrcert.org www.jrcert.org. This degree requires a total of 66.5 units in the major, in addition to general graduation requirements.

Code	Title	Units
<b>PROGRAM PREREQUISITES</b> Foundation courses are required prior to admission to the program . The following required courses and all GE/graduation requirements must be completed prior to application with a minimum grade of "C" in each course to be considered for the fall (August) class . Once a passing grade is achieved and program application requirements are met courses may not be repeated for a higher grade.		
HS 145 C	Survey of Medical Terminology	3
BIOL 210 C	Anatomy and Physiology	4-5
or BIOL 231 C	General Human Anatomy	
RADT 142 C	Radiologic Electronics	4
RADT 146 C	Introduction to Radiography	4
<b>Total Units</b>		<b>15-16</b>

## Required Courses are listed in suggested sequence:

Code	Title	Units
<b>SEMESTER 1 (15 units)</b>		
RADT 148 C	Radiology Imaging Techniques	4
RADT 150 C	Radiographic Positioning I	5
RADT 153 C	Radiography Patient Care	3
HS 147 C	Survey of Disease	3
<b>SEMESTER 2 (18 units)</b>		
RADT 247 C	Radiographic Positioning II	5
RADT 251 C	Radiology Externship	7
RADT 162 C	Radiology Special Procedures	3
RADT 252 C	Radiobiology	1.5
RADT 253 C	Radiation Laws and Ethics	1.5
<b>SUMMER INTERSESSION (7.5 units)</b>		
RADT 254 C	Clinical Internship I	6.5
RADT 196 C	Selected Topics I	1

### SEMESTER 3 (13 units)

RADT 255 C	Clinical Internship II	12
RADT 197 C	Selected Topics II	1

### SEMESTER 4 (13 units)

RADT 256 C	Clinical Internship III	12
RADT 198 C	Selected Topics III	1

**Total Units** 66.5

**Note: Non-refundable supplemental materials charges will apply to some of the above courses in this program.**

### PROGRAM GOALS AND OBJECTIVES

1. To provide students with a balance of instruction in radiologic technology courses as well as support courses.
2. To provide students with knowledge and skill to perform radiologic technology procedures.
3. To facilitate development of applied skills in effective communication, critical thinking, and problem solving in the practice of radiography.
4. To provide clinical experience compliment didactic instruction and develop clinical skills required for professional practice.
5. To provide an environment that encourages personal and professional growth.
6. To promote values of compassion, respect, understanding, and dignity in providing care to patients during imaging procedures.
7. To provide the health care community with graduate entry level radiographers skilled in diagnostic imaging procedures.

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