

## Associate in Applied Science Degree RADIOLOGIC TECHNOLOGY

The A.A.S. in Radiologic Technology degree prepares students to assist the radiologist in performing examinations of the body to rule out, or confirm and identify, fractures or diseases. Radiologic Technologists are educated in the precise use of highly technical radiographic equipment and ionizing radiation to perform radiographic procedures. Students will learn to operate equipment and accessories under direct supervision of Board-Certified Radiologists and Technologists. The program is committed to instilling in all students critical-thinking skills, development of interpersonal skills, and a commitment to lifelong learning.

### Program Information

#### Specific Admission Requirements for Program

Applicants will be accepted into the Radiologic Technology program by completing a weighted admission form. Students with the highest weighted scores will receive admission to the program. A waiting list of applicants will not be maintained for future admission. An applicant who receives notification that he/she was not admitted to the program must resubmit the Radiologic Technology Application by the program application deadline date to be considered for admission to the next available class. Program admissions application is available above under admissions information. In addition, prospective students must:

- Complete a Criminal Background Check prior to acceptance.
- Submit a Urine Drug Screening prior to acceptance.
- Submit a Health Sciences Division Student Health Record Form indicating the candidate has the ability to perform the physical tasks required in the program prior to admission in the first radiography course.
- Complete and pass the General Hospital Orientation.
- Provide proof of CPR certification for Health Care Providers prior to admission.
- Review and acknowledge the Medical Imaging Technical Standards Form.
- Successful completion of all 3 Radiologic Technology General Education prerequisite courses (BIO 210, ENG 101, MAT 110 or 120) with a minimum grade of "C" and a GPA of at least 2.5. (BIO time limits apply.)
- Payment of a non-refundable tuition deposit.
- Complete the online Radiologic Technology Information Session.
- For re-acceptance guidelines, see the MIS Student Handbook.
- HGTC Radiologic Technology program does not accept transfer credits of Radiologic Technology program courses from other institutions (General education course credit may be transferable-). Please contact the Admissions Office for further details.
- For students seeking transfer credits from other institutions, see an MIS advisor.
- Other expenses for which you are responsible may include, but are not limited to: purchasing scrubs and shoes, X-Ray Markers (\$42), gas and transportation to and from clinical sites, Registry Review Packages (\$235) and Licensing Exam fees (\$225) for a minimum total of at least \$502+.
- Student must successfully complete the TEAS Test with a minimum score of **62** to be eligible for program acceptance.

#### Course Sequence and Progression Requirements

A minimum grade of "C" or better is required for all RAD-prefixed courses for progression and graduation. Grade below "C" are considered course failures. Any student who fails to meet the requirements for progression will be dropped from the Radiologic Technology program and must apply for re-acceptance. For further information regarding re-acceptance, see the MIS Student Handbook.

Students must pass a criminal background check and urine drug screening 30 days prior to starting clinical each semester.

### CURRICULUM SEQUENCE

#### PHASE 1 – GENERAL ADMISSION

Phase I is a general admission phase and enables students to enroll in the general education core courses required for completion of the Radiologic Technology program. These courses may be completed at Horry-Georgetown Technical College or transferred in from another accredited institution.

Upon completion of the 3 required general education prerequisite courses students are eligible to apply for Phase II.

#### General Education Course

#### Title

#### Semester Credit Hours

(Continued)

Completion of the following 3 prerequisite courses with a grade of "C" or better is required for the program specific application process for **Phase II**.

BIO 210	Anatomy & Physiology I	4
ENG 101	English Composition	3
MAT 110 or MAT 120	College Algebra or Probability & Statistics	3

The following 4 courses may be taken in either **Phase I or Phase II**, but it is recommended the courses be taken in Phase I to help improve success in the Radiologic Courses of Phase II.

BIO 211	Anatomy & Physiology II	4
SPC 205	Speech	3
PSY 201	General Psychology	3
Humanities	Elective	3
<b>Total Credit Hours</b>		<b>23</b>

## PHASE II – LIMITED ACCESS

Phase II is limited access and requires admissions for students to be eligible to enroll in RAD courses and participating in clinical courses. For students to proceed to Phase II they must complete the **program specific admission process**.

After admission to PHASE II – Limited Access students must complete the following for successful completion of the Radiologic Technology Program.

<b>First Semester- Summer</b>	<b>Course Title</b>	<b>Semester Credit Hours</b>
RAD 101	Introduction to Radiography	2
RAD 102	Patient Care Procedures	2
RAD 153	Applied Radiography I	3
<b>TOTAL</b>		<b>7</b>
<b>Second Semester - Fall</b>		
RAD 110	Radiographic Imaging I	3
RAD 130	Radiographic Procedures I	3
RAD 165	Applied Radiography II	5
<b>TOTAL</b>		<b>11</b>
<b>Third Semester - Spring</b>		
RAD 115	Radiographic Imaging II	3
RAD 136	Radiographic Procedures II	3
RAD 175	Applied Radiography III	5
<b>TOTAL</b>		<b>11</b>
<b>Fourth Semester - Summer</b>		
RAD 201	Radiation Biology	2
RAD 230	Radiographic Procedures III	3
RAD 256	Advanced Radiography I	6
<b>TOTAL</b>		<b>11</b>
<b>Fifth Semester - Fall</b>		
RAD 103	Introduction CT	2
RAD 210	Radiographic Imaging III	3
RAD 268	Advanced Radiography II	8
<b>TOTAL</b>		<b>13</b>
<b>Sixth Semester - Spring</b>		
RAD 205	Radiographic Pathology	2
RAD 220	Selected Imaging Topics	3
RAD 278	Advanced Radiography III	8
<b>TOTAL</b>		<b>13</b>
<b>TOTAL CREDIT HOURS</b>		<b>89</b>

\*Humanities electives: ART 101, HIS 101, HIS 102, HIS 201, HIS 202, PHI 101, PHI 110 or MUS 105.