### Radiologic Technology

**Associate in Applied Science**

**Credit Requirements: 86 Semester Credit Hours**

The Radiologic Technology program prepares students to provide patient services using imaging modalities, as directed by physicians in order to perform radiologic procedures. Graduates are eligible to apply to take the National Certification Examination offered by the American Registry of Radiologic Technologists.

The Radiologic Technology program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182. Telephone: 312.704.5300. Email: mail@jrcert.org.

**Admission Requirements**

Applicants will be admitted to this program on a first-qualified, first-admitted basis. Applicants are considered to be qualified for admission to the next available class when they meet all college and program requirements. Classes in this program begin Summer Semester.

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### Bachelor of Science in Health Sciences

The Bachelor of Science in Health Sciences program is designed for students who have completed an Associate in Applied Science degree in Radiologic Technology and wish to further their education in the field of healthcare.

**Credit Requirements: 120 Semester Credit Hours**

The program includes coursework in advanced radiologic technology, human anatomy and physiology, and health sciences. Graduates will be prepared for leadership roles in the healthcare field.

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**APPLICANTS MUST COMPLETE ALL OF THE FOLLOWING REQUIREMENTS**

I. **General College Admission Requirements**

   Achieve admission to the college by meeting TTC’s requirements for associate degree programs. Please note that applicants not achieving appropriate test scores will be required to complete courses indicated by placement test scores.

   Note: Admission to the college does not guarantee admission to the Radiologic Technology program.

II. **Program Admission Requirements**

   Applicants should ensure that documentation of each of the following admission requirements is on file in the Admissions office as soon as it is completed. Information may be submitted in person or by mail to:

   Trident Technical College
   Admissions Office, AM-M
   (Student Center, Bldg. 410, Room 110)
   P.O. Box 118067
   Charleston, SC 29423-8067

   A. Achieve qualifying scores on the college’s placement test, SAT or ACT. Contact an academic advisor and complete all courses indicated by placement test scores.

   B. Complete a Health Sciences application for the Radiologic Technology program.

   Note: When the number of applicants qualifying at the same time exceeds the number of spaces available in this program, admission will be prioritized according to the date and time that the Health Sciences application was received in the Admissions office.

   C. Complete the online Information Session and quiz with a score of 100 percent; access the session from the Health Sciences webpage www.tridenttech.edu/academics/divisions/hlthsc/index.htm. Upon successful completion of the quiz, provide your student email address where indicated. The Health Sciences Admissions Coordinator will be notified by email that you have completed the session.

   D. Submit proof of algebra, biology and chemistry competencies by completing one requirement each in:
Algebra
1. MAT 110 College Algebra with a minimum grade of C,
OR
2. Complete a college algebra course equivalent to MAT 110 with a minimum grade of C from an approved, regionally accredited postsecondary institution.

Biology
Complete BIO 210 or its equivalent with minimum grade of C from an approved, regionally accredited postsecondary institution. Must be completed within five years of the admission date.

Chemistry
1. One year of high school chemistry with a C average,
OR
2. CHM 100 Introductory Chemistry with a minimum grade of C,
OR
3. Complete three semester credit hours of chemistry with a minimum grade of C from an approved, regionally accredited postsecondary institution.

E. Provide proof of high school graduation or equivalent by submitting a copy of your high school transcript, diploma or GED.

F. Satisfy academic probation/suspension requirements, if applicable, by providing proof of a minimum 2.0 on all college course work by submitting copies of official transcripts, excluding TTC transcripts, to the Admissions office; or complete 10 semester credit hours with a minimum grade of C in each course and a cumulative 2.5 GPA. At least one of these courses must be a laboratory science. Laboratory sciences must have been taken within five years of the admission date with a minimum grade of C.

G. Maintain a minimum cumulative 2.5 GPA and not be on academic or disciplinary suspension at the time of admission and date of entry into the program.

H. At the time of entry to the program, show evidence of completion of the criminal background check required by the college.

III. General Admission Procedures for the Radiologic Technology Program
Prior to admission to the program, provide the TTC program coordinator with a completed, current Health Sciences–Student Health Record with documentation of current required immunizations and titer. Applicants who meet college and program requirements will be considered qualified and will be admitted on a first-qualified, first-admitted basis. Qualified applicants will be sent a letter indicating the year and semester that they have been admitted.

Note: Falsification of any information submitted will make a student ineligible for admission to or continuation in the Radiologic Technology program.

IV. Course Progression
In order to progress to the next semester once accepted into the program, students must:
1. Earn a grade of C or better in all courses required for the program.
2. Earn a satisfactory grade of S on professional development evaluation.
3. Maintain a minimum 2.0 cumulative GPA throughout the program.
4. Successfully meet a stringent clinical attendance policy.

Readmission to a Program
Students who receive a W, D or F in a prerequisite or corequisite course may request consideration for readmission to the Radiologic Technology program. Readmission to the program is not automatic. See the Health Sciences overview.

Recommended Sequence of Courses
Prerequisite
BIO 210 Anatomy and Physiology I 4
MAT 110 College Algebra 3
Total 7

First Semester – Summer
BIO 211 Anatomy and Physiology II 4
RAD 102 Radiology Patient Care Procedures 2
RAD 121 Radiographic Physics 4
RAD 101 Introduction to Radiography 2
Total 12
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<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<td>Second Semester - Fall</td>
<td>CPT 101</td>
<td>Introduction to Computers</td>
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<tr>
<td></td>
<td>RAD 127</td>
<td>Procedures in Radiography I</td>
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<td>RAD 128</td>
<td>Procedures in Radiography II</td>
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<td>RAD 155</td>
<td>Applied Radiography I</td>
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<td>RAD 180</td>
<td>Introduction to Radiographic Imaging I</td>
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<td>RAD 280</td>
<td>Advanced Imaging I</td>
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<td>Third Semester - Spring</td>
<td>ENG 101</td>
<td>English Composition I</td>
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<td>RAD 129</td>
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<td>RAD 150</td>
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<td>RAD 257</td>
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<td>Sixth Semester - Spring</td>
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**Respiratory Care**

**Associate in Applied Science**

**Credit Requirements: 83-84 Semester Credit Hours**

Respiratory care is a health sciences specialty that focuses on the treatment, management, control, diagnostic evaluation and care of patients with deficiencies and abnormalities associated with the cardiopulmonary system.

TTC’s Respiratory Care program prepares students for employment as advanced-level respiratory care practitioners. The Respiratory Care program housed on Main Campus, awards an Associate in Applied Science, and is accredited by the Commission on Accreditation for Respiratory Care, 1248 Harwood Road, Bedford, TX 76021-4244; telephone: 817-283-2835; website: www.coarc.com. Graduates are eligible to take the certification and registry examinations administered by the National Board for Respiratory Care, Inc.

**Admission Requirements**

Applicants will be admitted to this program on a first-qualified, first-admitted basis. Applicants are considered to be qualified for admission to the next available class when they meet all college and program requirements. Classes in this program begin Summer Semester.

**APPLICANTS MUST COMPLETE ALL OF THE FOLLOWING REQUIREMENTS**

**I. General College Admission Requirements**

Achieve admission to TTC by meeting the college’s requirements for associate degree programs. Please note that applicants not achieving appropriate test scores will be required to complete courses indicated by placement test scores.

*Note: Admission to the college does not guarantee admission to the Respiratory Care program.*

**II. Program Admission Requirements**

Applicants should ensure that documentation of each of the following admission requirements is on file in the Admissions office as soon as it is completed. Information may be submitted in person or by mail to:

Trident Technical College
Admissions Office, AM-M
(Student Center, Bldg. 410, Room 110)
P.O. Box 118067
Charleston, SC 29423-8067

A. Achieve qualifying scores on the college’s placement test, SAT or ACT. Contact an academic advisor and complete all courses indicated by placement test scores.

B. Complete a Health Sciences application for the Respiratory Care program.