



# Radiography

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TIDEWATER COMMUNITY COLLEGE

# **Tidewater Community College Radiography Program**

## **ADMISSIONS PROCEDURES & INFORMATION**

Dear Prospective Radiography student:

Thank you for your interest in the radiography program offered on the Virginia Beach Campus of Tidewater Community College.

Radiography is the art and science of using ionizing radiation to produce images of the tissue, organs, bones, and vessels of the body. These images are most often created through digital technology but may be recorded in real time or demonstrated on film (radiographs). Medical treatment of the patient depends on accurate and precise radiographic examinations. Broken bones can be aligned, ulcers can be detected, and many other injuries and diseases can be treated when their diagnosis is revealed to the physician through the imaging sciences.

The radiographer is an essential member of the health care team. Responsibilities include accurate positioning of the patient, production of high-quality diagnostic images, and good patient care and communication skills. During fluoroscopy, the radiographer assists in performing more involved and sometimes invasive procedures. The job of a radiographer requires an organized and skilled individual who can function under the pressures of a hospital environment to produce high quality images in an efficient and competent manner. The Radiographer must be able to multi-task and use critical thinking skills in the performance of their job.

Advanced imaging modalities and careers include bone densitometry, sonography, cardiovascular-Interventional radiography, computed tomography (CT), magnetic resonance imaging (MRI), mammography, nuclear medicine, radiation therapy, and vascular-interventional radiography, all of which are included under the umbrella of imaging sciences. Specialization in each of these modalities requires continuing education after graduation from the radiography program. Specialty education varies in length from 3 to 24 months. A radiologist assistant specialization is offered at the graduate degree level.

The radiography profession offers a promising future. Wages are competitive with other health professionals with similar educational backgrounds. In addition to the specialty areas, career opportunities include education, research, administration, commercial applications, or sales and marketing within the imaging industry. Work settings include hospitals, clinics, doctor's offices, mobile agencies, industrial laboratories, colleges/universities, and corporations.

Deadline for applying to the program is December 18 for the class that begins the following May. All prerequisite courses (Bio 141) must be completed by the end of fall semester.

Applications are reviewed by the program director in January, and qualified applicants are required to attend an Admissions Session as part of the selection process. The College Admission form and the Health Professions Program Application is available on TCC's website under Health Professions or here:

TCC application: <https://www.tcc.edu/come-to-tcc/apply/>

Health Professions Application: <https://healthprofessions.tcc.edu/> .

Before the application deadline date, you may contact the Enrollment Services Office at 757-822-7340 to verify receipt of your program application and transcripts. If transcripts from other colleges are not

received in the Office of the College Registrar by December 18, your application is not complete. Due to the number of applicants, only students with completed applications will be considered for admission to the program.

Information on grants, loans, and scholarships is available from the Financial Aid Office and TCC's website. If you are eligible for military education benefits the Center for Military and Veterans Education can assist you. They can be reached at 757-822-7235 or at [tcc.edu/military](http://tcc.edu/military).

Prospective students are encouraged to attend an Open House presentation either virtually or on campus. At an in-person session, any questions you may have will be answered. Due to the large volume of applicants and inquiries into the program, individual appointments are not routinely scheduled.

Radiography Program Open House:

- Third Thursday of every month (except December) TCC-Virginia Beach Campus
- Regional Health Professions Center – Room MN 112, 3-4 PM
- Online at <https://help.tcc.edu/s/article/Radiography>

Prospective students are hereby notified that certain medical facilities require criminal/sex offender background checks, drug screens, and immunizations prior to allowing students to attend clinical education. Also, students are required to purchase a compliance tracker program to upload their physical form and immunizations. The cost of these is the responsibility of the student.

Students are required to submit documentation of a physical exam to attend a clinical site rotation.

Please Note: Information in this packet is subject to change. Students should check periodically to see if materials have been updated.

Tidewater Community College maintains and promotes equal opportunity without regard to ethnicity, color, gender, age (except where gender or age is a bona fide occupational qualification), religion, handicap, national origin, or other non-merit factors. Disclosure of social security number, age, gender, and ethnicity is optional, but may be required by the clinical affiliates.

Sincerely,



Sara Lewis, M.H.A., R.T.(R)(ARRT)  
Radiography Program Director Phone:  
757-822-7177  
Email: [slewis@tcc.edu](mailto:slewis@tcc.edu)  
[tcc.edu/health](http://tcc.edu/health)

## Radiography Program - Summary

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**Degree:** Associate of Applied Science in Radiography

**Length:** Six consecutive semesters beginning in May — two years including summer semesters.

**Purpose:** To prepare selected students to be contributing members of the health care team who, under supervision of qualified radiologists, will produce quality images to assist in the diagnosis and care of patients. Successful completion of the program and subsequent attainment of certification through the American Registry of Radiologic Technologists® (ARRT) qualify graduates to gain employment as radiologic technologists (radiographers). Upon completing the curriculum, graduates will be eligible to apply to the ARRT, which leads to certification as an R.T.(R), a registered technologist in radiography. Visit [www.arrt.org](http://www.arrt.org) for further information on the certification process.

**Occupational Objectives:** Job opportunities are available in hospitals, doctor's offices, outpatient imaging centers, educational institutions, industry, government agencies, and minor emergency centers.

**Admission Requirements:** In addition to meeting the college's admission requirements, applicants must have earned a high school diploma or GED and the following prerequisites by the end of the fall semester:

- Successful completion of **BIO 141 Human Anatomy and Physiology I** or equivalent transferable course. Preference will be given to those who have completed BIO 141 **within five years** of the application deadline. (See point system for admissions).
- **Eligible to enroll in ENG 111 and MTH 154 or higher.**

During the admissions process, applicants are **required to attend an admissions session with the radiography program faculty** before being considered for the program. During the session, candidates' records are reviewed, and program information is outlined in detail. There are no formal interviews conducted for determination of candidate admission. Promptness in arriving to the session, appropriate dress and ability to communicate in English will be documented.

The likelihood of acceptance varies based on the size of the applicant pool and the quality of the applicants. The radiography program is very competitive, and enrollment is limited. Admission into the program is based on a point system that considers the grades received in certain courses. Points are awarded for completion of BIO 141 (Human Anatomy and Physiology I), within the last five years; MTH 154 (Quantitative Reasoning) or higher; ENG 111 (College Composition I); and HLT 141 or 143 (Introduction to Medical Terminology or Medical Terminology I). The BIO 141 Anatomy and Physiology I grade is more heavily weighted than the other courses to determine points awarded towards program admission. A student who earns a grade of 'A' in BIO 141 on the first or second attempt, will have an increased chance for admission. Three points will be awarded for enrollment in BIO 142 (Human Anatomy and Physiology II) for the Spring semester following the admission deadline. Three points will also be awarded for completion of BIO 142 with an A, B or C grade. Students will be awarded one point for registration in the Spring semester prior to the start of the program or previous completion of SDV 101, Orientation to Health Care with a C grade or higher. Students may enroll in the remaining

radiography general education courses prior to the official start of the radiography program or may include them in future semesters as the program progresses to maintain full time credit status.

Details of the point system for program admission is outlined in the latter section of this information packet.

**No points are awarded for HLT 105** (Cardiopulmonary Resuscitation). Students are advised that if CPR is taken before starting the program, and the certification expires before program completion, re-certification will be required.

**Healthcare Experience:** Applicants who have healthcare experience may earn up to six points towards admission to the radiography program. Documentation of such experience will be accepted by the program director up through the date of the January admissions session. The documentation may be sent electronically or as a hard copy, and should be accurate, well presented and verifiable. Points will be awarded based on the following criteria:

- Number of hours performed - 100 hours for maximum points in this category
- Patient care related
- Radiology related
- Student has earned a medical certification
- Experience was obtained within the last 5 years

A committee of program faculty and student advisors will award points based on these criteria.

Applications are reviewed in January to screen for program prerequisites (including fall grades). If qualified, an e-mail notification **will be sent to your TCC e-mail address** by mid-January inviting you to attend the Admissions Session. The sessions are conducted at the end of January, and letters of acceptance are e-mailed by March 1.

Due to the large number of qualified applicants, only those who score highest in points are invited to attend the session, and only the top 30-40 who attend are accepted.

Due to the large number of applicants and limited enrollment, the radiography program follows the admission priorities established by the College which states; When enrollments must be limited for any curriculum or course, priority shall be given to all qualified applicants who are residents of Virginia.

Upon notification of acceptance and before beginning the program, applicants must submit a medical report indicating good general health. A Health Professions Physical Form will be provided upon acceptance. As a radiography student, you may be required to complete clinical rotations in facilities that mandate immunizations or vaccinations.

All program students must be certified in **American Heart Association BLS CPR** prior to entering the clinical site and must remain current in CPR throughout the program. CPR is not required before beginning the program.

Upon admission to the program, the following requirements apply:

- Students who receive a final grade lower than a 'C' in any Radiography program course will not be allowed to continue in the program. A GPA of at least 2.0 is required to remain in the program.
- 1,440 hours of clinical practice in approved clinical sites will be required of all program students to attain competency in radiography. Clinical hours are Tuesday and Thursday 7:30 a.m. to 4 p.m. the first year of the program; and Monday, Wednesday and Friday 7:30 a.m. to 4 p.m. the second year of the program. The clinical schedule is set and is not negotiable.
- Ten percent of the total clinical hours will be completed on the weekend and evening shifts (2 p.m. to 10:30 p.m.) during the second year of the program.
- Students must purchase program uniforms, shoes, name tags, and lead markers for clinical education.
- Students will require criminal background/sex offender checks, fraud scan and drug screens upon acceptance to the program and will bear the cost of these screenings.
- Students must provide their own transportation to the clinical sites.

Students accepted to the program must agree in writing to abide by all didactic and clinical policies. The program holds students to high standards of professionalism, ethics, and dependability. Failure to comply with program policies may result in dismissal from the program in accordance with the program policy.

Clinical attendance and other program policies can be reviewed in the Radiography Student Handbook, which can be found at [tcc.edu](http://tcc.edu).

## Program Accreditation:

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The Radiography Program at TCC is accredited by the Joint Review Committee on Education in Radiologic Technology. The last accreditation site visit was conducted in 2017, and the program was awarded 8 years of continued accreditation, which is the maximum accreditation award attainable.

For more information on program accreditation contact:

**The Joint Review Committee on Education in Radiologic Technology**

20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182.

Call 312-704-5300 or visit [www.jrcert.org](http://www.jrcert.org) for detailed information.



## Application Procedure

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The following steps must be completed by December 18:

- Complete the general TCC Application for Admission at [tcc.edu/apply](https://tcc.edu/apply), indicating Radiography as your curriculum choice. You will be counseled toward radiography, until admitted to the program. Designate the Virginia Beach Campus as your home campus.
- Complete the Health Professions Program Application form, indicating Radiography as your program choice. Submit this form <https://healthprofessions.tcc.edu/> anytime throughout the year before December 18.
- Complete the online Request for Evaluation of Previous Educational Experiences form and have official transcripts of previous college courses, or other educational experience, sent to Office of the College Registrar, Tidewater Community College, PO Box 9000, Norfolk, Virginia 23509 -9000 prior to December 18.
- Verify receipt of all forms and transcripts by contacting registrar@tcc.edu or calling 757-822-1900. If your official transcripts are not received by the Office of the College Registrar by the application deadline, your application will not be considered. If previous college courses were taken at TCC (any campus), this request is not needed.
- Send transcripts as early as possible to allow ample time for evaluation and posting of transfer credits before the application deadline. TCC will not evaluate transcripts until the student is enrolled in classes at TCC. All applicants who apply close to deadline date must take steps to inform the program director of pending transcript evaluation. This is especially important if prerequisites such as anatomy, math or English are being transferred to TCC. Otherwise, the program director will not be aware that you are qualified, and you may be overlooked for admissions. It would be most helpful to provide an unofficial copy of your transcripts to Sara Lewis (or include it in your application), in addition to sending the official copy to the Registrar's Office. It is the responsibility of the student to ensure that all transfer credit has been granted by TCC.
- Consult the Counseling Office at 757-822-7212 with any questions or concerns.

## Technical Standards

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To ensure patient safety and welfare, the Radiography Program has established qualifications that must be met by students admitted to or enrolled in the program. These qualifications include:

- Enough eyesight to observe patients, manipulate equipment and accessories, visually monitor patients in dimmed light via video monitors, and evaluate radiographs for quality.
- Enough hearing to communicate with patients and other members of the health care team, monitor patients via audio monitors, and hear background sounds during equipment operations.
- Satisfactory verbal, reading, and written skills to effectively and promptly communicate in English.
- Enough gross and fine motor coordination to manipulate equipment and accessories, lift a minimum of 35 pounds, and to stoop, bend or promptly assist patients who become unstable.
- Satisfactory physical strength and endurance to move immobile patients to or from a stretcher or wheelchair to the x-ray table, work with arms extended overhead, carry 20-25 pounds while walking, and stand in place for long periods of time.
- Satisfactory intellectual and emotional functions to ensure patient safety and exercise independent judgment and discretion in the performance of assigned responsibilities.

### Approximate Starting Salaries for R.T.s in the Hampton Roads area

- \$28.00 per hour plus shift differential and benefits
- \$60,000 annually

**Institution Name:**

**Program Type:**

**Degree Type:**

## Program Effectiveness Data

The following is the most current program effectiveness data. Our programmatic accreditation agency, the Joint Review Committee on Education in Radiologic Technology (JRCERT), defines and publishes this information. [Click here](#) to go directly to the JRCERT webpage.

**Credentialing Examination:** The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation. The five-year average benchmark established by the JRCERT is 75%.

Credentialing Examination Rate	number passed on 1 <sup>st</sup> attempt divided by number attempted within 6 months of graduation
Year	Results
Year 1 -	of -
Year 2 -	of -
Year 3 -	of -
Year 4 -	of -
Year 5 -	of -
<b>Program 5-Year Average</b>	<b>of -</b>

**Job Placement:** The number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within twelve months of graduating. The five-year average benchmark established by the JRCERT is 75%.

Job Placement Rate	number employed divided by number actively seeking employment within 12 months of graduation
Year	Results
Year 1 -	of -
Year 2 -	of -
Year 3 -	of -
Year 4 -	of -
Year 5 -	of -
<b>Program 5-Year Average</b>	<b>of -</b>

**Program Completion:** The number of students who complete the program within the stated program length. The annual benchmark established by the program is .

Program Completion Rate	number graduated divided by number started the program
Year	Results
Year -	of
<b>Annual Completion Rate</b>	

## TCC Radiography Program – Mission Statement

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The mission of the Radiography Program at Tidewater Community College is to prepare competent and professional technologists who will pass the ARRT certification examination, gain employment, and provide compassionate care to all patient populations.

This mission is accomplished through:

- Fair and objective admission standards.
- Accessible and affordable education without regard to race, color, sex, age, religion, handicap, national origin or other non-merit factors.
- Commitment to high quality instruction, and a variety of instructional approaches and delivery methods to support student's diverse learning styles.
- Cultural diversity as a critically important strength for students to meet the changing needs of a pluralistic, democratic society.
- Guidance and mentoring for students to achieve their educational goals and succeed in passing the ARRT Certification exam.
- Provision of a comprehensive curriculum consisting of broad opportunities for students to develop skills in conceptual and theoretical understanding, analytical judgment, critical thinking, and the ability to problem solve.
- Didactic and clinical objectives addressing radiation protection, professional ethics, and safe care for patients.
- Provision of clinical practice to enable students to develop professionally and acquire the necessary knowledge base, communication, and practical skills to succeed in the profession.
- Partnerships and proactive responsiveness, to providing a balance of radiographers to the region and to strive to meet the needs of the community it supports.
- Encouragement and preparation for students to engage in professional development and lifelong learning activities.

# **TCC Radiography Program - Goals & Student Learning Outcomes**

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## **Goal I. Students will be Clinically Competent**

- Students will demonstrate accurate positioning skills
- Students will apply appropriate radiation protection practices
- Students will identify anatomical structures accurately

## **Goal II. Students will Apply Problem Solving and Critical Thinking Skills**

- Students will demonstrate the ability to improvise when performing radiographic procedures
- Students will choose appropriate technique for learned exams

## **Goal III. Students will Demonstrate Effective Communication Skills**

- Students will communicate effectively in writing
- Students will communicate effectively using correct terminology

## **Program Effectiveness Benchmarks**

- Graduates will indicate overall satisfaction with the program - 3.5 or higher out of 5
- Employers will indicate overall satisfaction with the program - 3.0 or higher out of 4
- 75% of students who enroll in the program will graduate
- 90% of Graduates will pass the ARRT certification exam (5-year average)
- 80% of Program graduates will gain employment as a radiographer within 1 year of graduation (5-year average)

# TCC Radiography Program – General Information

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## Ethics Review

- Students with certain criminal backgrounds may be denied eligibility by the ARRT Ethics Committee. Students with criminal records should pre-apply for permission to sit for the ARRT exam before entering program at <https://www.arrt.org/pages/ethics-review> .

## CPR

- Not required before beginning the program
- Best to take CPR during the first semester of the program so it does not expire before program completion
- May take HLT 105 Cardiopulmonary Resuscitation at TCC, or the **American Heart Association**, BLS Healthcare Provider course, including Adults, Infants, Children and AED

## A Word to the Wise

- It is advised but not required that you complete BIO 142 before entering the program in May
- It is VERY difficult to take BIO 142 while enrolled in the Radiography Program

## Admissions Timeline

- All applicants are screened for minimum prerequisites in early January
- Invitation e-mails will be sent to the top qualified applicants (highest points) by mid-January
- TCC e-mail addresses will be used for all correspondence from the program
- Admission Sessions are held in late January for applicants who respond to the invitation e-mail
- Acceptance letters are sent out to the top 30 to 40 students by March 1
- 30-40 students are accepted per year - Based on the job placement and supply & demand in the community
- Remaining students are placed on an alternate waiting list and alternate students are called as accepted students decline their positions before the program begins in May
- Students on the alternate list who are not accepted must submit another application the following year

## Open House Information Session

- A Radiography Open House Session is from 3 p.m. to 4 p.m. and is strongly suggested for those who are interested in the program
- Held on the 3rd Thursday of every month except December in the Regional Health Professions Center - Room MN 112 (usually) on the Virginia Beach Campus
- No appointment or advance sign-up is required to attend the Open House
- A virtual information session is located here: <https://help.tcc.edu/s/article/Radiography>

## **Priority Admission Policy and Military Exemptions**

- VCCS (state) policy mandates that in-state residents be accepted before out-of-state residents
- Questions or challenges to this state policy should be directed to enrollment services
- Check with enrollment services for military exceptions & necessary procedures regarding this policy

## **Program Accreditation Status**

- Full 8-year accreditation was awarded in 2017 by the Joint Review Committee on Education in Radiologic Technology – JRCERT®
- Accreditation assures a quality program and allows program graduates to apply to sit for the National ARRT Certification Exam

## **Upon Program Completion**

- A.A.S. degree is earned at the completion of the two-year Radiography Program
- Graduation from TCC's accredited program deems students eligible to apply for the National Certification Exam through the American Registry of Radiologic Technologists® (ARRT)

## **ARRT**

- Upon successful completion of the ARRT certification exam the graduate becomes a Registered Technologist R.T.(R) in Radiography
- ARRT Certification is nationally recognized
- R.T. (R) Credential - qualifies graduates to work in general diagnostic radiology
- Hospital accreditations require R.T.(R) certification to work in a hospital setting
- The Virginia Board of Medicine requires a state license in addition to ARRT certification to practice in non- hospital settings such as a doctor's office

# TCC Radiography Program – Point System

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## Point System for Admissions

- Points are awarded for certain general education courses completed in the radiography curriculum. Points will be awarded for the highest grade earned in two attempts in any one course within 5 years of taking courses. Additional attempts that are older than 5 years will not be considered.
- Course grades and health care experience determine the number of points awarded.
- The grade in BIO 141 Human Anatomy & Physiology I earn more points than any other course.
- Up to 6 points will be awarded for prior health care experience.

## Point Scale use for Admissions

### BIO 141

A = 50 points

B = 25 points

C = 3 points

### ENG 111, HLT 141, MTH 154

A = 5 points

B = 3 point

C = 1 point

Healthcare experience = 6 points maximum

Currently enrolled (or completed with a C or higher) BIO 142 = 3 points

Currently enrolled (or completed with a C or higher) SDV 101= 1 point

**Note:** If BIO 141 was completed more than five years prior to the application deadline, the General Education Point Scale will apply. No points are awarded for HLT 105.

## General Education Courses in the Radiography Curriculum for which Points are Awarded

- BIO 141 Human Anatomy & Physiology I
- ENG 111 College Composition I
- HLT 141 Introduction to Medical Terminology (may substitute HLT 143)
- MTH 154 Quantitative Reasoning (may substitute MTH 152, or higher)

## Enrollment in or completion of:

- BIO 142 Human Anatomy & Physiology II
- SDV 101 Orientation to Health Care



# TCC Radiography Program – Point Worksheet 2022-23 Catalog

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Name: \_\_\_\_\_ SIS #: \_\_\_\_\_

**Points for College Courses in Radiography Curriculum:**

**BIO 141:** A = 50 B = 25 C = 3

**MTH 154, ENG 111 and HLT 141:** A = 5 B = 3 C = 1

**Health Care Experience:** Up to 6 points

Course Number	Course Title	Grade	Points
BIO 141	Human Anatomy & Physiology I	_____	_____
ENG 111	College Comp I	_____	_____
HLT 141	Medical Terminology (or HLT 143)	_____	_____
MTH 154	Quantitative Reasoning (or MTH 152 or higher)	_____	_____

**Students Enrolled for the Spring Semester BIO 142= 3 SDV 101-1**

Course Number	Course Title	Grade	Points
BIO 142	Human Anatomy & Physiology II	_____	_____
SDV 101	Orientation to Health Care	_____	_____

Healthcare Experience: **Yes or No (circle)**

(to be determined by RAD committee)

\_\_\_\_\_

**Total Points** \_\_\_\_\_

Three Points awarded for enrollment in Bio 142 for the Spring semester following the admission deadline. Three points will also be awarded for completion of Bio 142 with an A, B, or C grade. Students will be awarded one point for registration in the Spring semester prior to the start of the program or previous completion of SDV 101, Orientation to Health Care, with a C grade or higher.

Students may enroll in the remaining radiography general education courses prior to the official start of the RAD program or may include them in future semesters as the program progresses to maintain fulltime credit status

### Worksheet for multiple attempts in BIO 141 within 5 years

The program appreciates the dedication of students who repeat a course to improve their chances of gaining admission to the program and will award the points for the highest grade earned in two attempts in BIO 141 within 5 years. As per the TCC College Catalog, "Students are limited to two attempts in the same credit or developmental course for the purpose of improving their grades." Therefore, if a course is completed more than two times within 5 years, the grades will be averaged, and points awarded based on the averaged grade. This includes college level courses taken here at TCC or at any other accredited institution.

EX 1: Receive "D" in BIO 141 during Fall 2020, retake and earn an "A" in Spring 2021 –Receive the full 50 points for perseverance and dedication

EX 2: Receive "F" in BIO 141 during Fall 2020, retake and earn a "C" in Spring 2021, retake and earn an "A" in Fall 2021. Based on the point scale: F=0, C=1, A=50 Total:  $51/3=17$  points for BIO 141

List the course, the grades in each attempt over twice, and the points earned for each attempt. Total the points and divide by the number of attempts to get the points earned for the course.

Course Number	1st Grade/Points	2nd Grade/Points	3rd Grade/Points	4th Grade/Points	Total
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

\*Multiple course attempts include all courses taken at accredited colleges and universities. Failure to include previous college coursework in the admissions point process will be considered a violation of academic integrity and may result in removal of admissions contention or program withdrawal.



## Official Curriculum Guide

Name: \_\_\_\_\_

Date Entered TCC: \_\_\_\_\_

SIS Empl ID: \_\_\_\_\_

Counselor: \_\_\_\_\_

### Associate of Applied Science: Radiography(172)

The Associate of Applied Science (A.A.S.) degree in Radiography prepares individuals for entry-level employment as radiographers in a variety of health care settings, including hospitals, imaging centers, clinics, and doctors' offices.

Successful completion of BIO 141 or its equivalent is required for entry to the program. The program is highly competitive, and selection is based on a system of points using this criteria, and additional general education course grades and previous healthcare experience. Details regarding the point scale are in the Radiography Program Packet located on the Radiography web page, or through the Program Director at (757) 822-7462 or the Information Center at (757) 822-1122.

Priority admission is granted to Virginia residents who reside in political subdivisions supported by the college. Prospective students are encouraged to attend an Open House session for Radiography, held at 3:00 p.m. on the third Thursday of each month (with the exception of December) in the Regional Health Professions Center on the Virginia Beach Campus.

Students are enrolled for six consecutive semesters, primarily during daytime hours. The program does not have part-time or evening options. The clinical component of the program requires 1,440 hours of practice in affiliate hospitals, where students must adhere to high standards of professionalism and competence. Prospective students should also be aware that certain medical facilities require both criminal/sex offender background checks, and drug screens, prior to beginning the clinical component of the program. The cost of these screenings is the student's responsibility.

Program students are required to purchase uniforms, shoes and lead markers for clinical practice.

Program graduates are qualified to apply to the American Registry of Radiologic Technologists (ARRT) to take the national certification exam. Students with a history of certain criminal behavior may not be eligible to become certified by the ARRT. Pre-applications are available from [arrt.org](http://arrt.org) or (651) 687-0048.

The Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182, (312) 704-5300, [jrcert.org](http://jrcert.org).

### Pre-Admission Semester

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
BIO 141	Human Anatomy and Physiology I	4	NAS 2 or acceptable NAS 2 Challenge Exam score	None	_____	( )
<b>Semester Total</b>		<b>4</b>				

### Semester 1

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
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## Semester 1

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
HLT 150	Cross Cultural Health and Wellness Practices	1	None	None	_____	( )
*RAD 120	Medical Care Procedures & Safety in Radiology	3	Admission into program	None	_____	( )
+*RAD 141	Principles of Radiographic Quality I	4	Admission into program	None	_____	( )
SDV 101	Orientation to Health Care	1	None	None	_____	( )
<b>Semester Total</b>		<b>11</b>				

## Semester 2

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
*BIO 142	Human Anatomy and Physiology II	4	Completion of BIO 141 with a grade of C or better	None	_____	( )
RAD 121	Radiographic Procedures I	4	Admission into program	None	_____	( )
+*RAD 131	Elementary Clinical Procedures I	3	Admission into program	None	_____	( )
RAD 142	Principles of Radiographic Quality II	4	Admission into program	None	_____	( )
<b>Semester Total</b>		<b>15</b>				

## Semester 3

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
ENG 111	College Composition I	3	EDE 10, ENF 1, ENF 2 or placement	None or EDE 11 with placement	_____	( )
*RAD 132	Elementary Clinical Procedures II	3	Admission into program	None	_____	( )
+RAD 205	Radiation Protection and Radiobiology	3	Admission into program	None	_____	( )
RAD 221	Radiographic Procedures II	4	Admission into program	None	_____	( )
<b>Semester Total</b>		<b>13</b>				

## Semester 4

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
*RAD 190	Coordinated Internship in Radiography	3	Admission into program	None	_____	( )
+RAD 245	Radiologic Specialties	1	Admission into program	None	_____	( )
<b>Semester Total</b>		<b>4</b>				

## Semester 5

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
MTH 154 or higher	Quantitative Reasoning	3	MDE 10 or placement	None or MDE 54 with placement	_____	( )
+RAD 206	Human Disease and Radiography	2	Admission into program	None	_____	( )

## Semester 5

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
*RAD 231	Advanced Clinical Procedures I	5	Admission into program	None	_____	( )
RAD 255	Radiographic Equipment	3	Admission into program	None	_____	( )
<b>Semester Total</b>		<b>13</b>				

## Semester 6

Classification Course No.	Course Title	Credits	Prerequisites	Co-Requisites	When Taken	Grade
PSY 230	Developmental Psychology (or Social Science Elective) <sup>1</sup>	3	None	None	_____	( )
*RAD 232	Advanced Clinical Procedures II	5	Admission into program	None	_____	( )
RAD 280	Terminal Competencies in Radiography	1	Admission into program	None	_____	( )
_____	Humanities Elective <sup>1</sup>	3			_____	( )
<b>Semester Total</b>		<b>12</b>				

**Total Minimum Credits                    72**

<sup>1</sup> Eligible courses are listed under General Education Core Requirements. Students should consult with an academic advisor or counselor to choose the appropriate course(s).

### Course Classification Legend

- ☆ Critical Course - A course faculty have identified as one that students should complete successfully, with a high level of understanding and comprehension, to progress in the program.
- \* Experiential Learning - A course where students can expect hands-on experiences and/or practical exposure opportunities which could be in or out of the classroom.
- ◆ Gateway Course - A course that serves as an introduction to the program and is typically offered early in the program.
- ❖ Milestone Course - Key intervals of program completion, if applicable.
- + Distance Learning Course

Introduction to Medical Terminology (or HLT 143)



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