



TIDEWATER COMMUNITY COLLEGE
From here, go anywhere.™

VIRGINIA BEACH CAMPUS

Dear Prospective Radiography Student:

Thank you for your interest in the Radiography Program offered on the Virginia Beach Campus of Tidewater Community College. This packet will provide information about the profession and related specialty areas, and will outline the admissions procedure and program prerequisites.

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 may be recorded on film (radiographs) displayed on a video monitor, or demonstrated through digital (filmless) technology. 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 the Radiologist in performing more involved and sometimes invasive procedures. The job of a radiographer requires an organized and skilled individual who is able to function under the pressures of a hospital environment to produce high quality radiographs 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, Breast Sonography, Cardiovascular-Interventional Radiography, Computed Tomography (CT), Diagnostic Medical Sonography (ultrasound), Magnetic Resonance Imaging (MRI), Mammography, Nuclear Medicine, Quality Management, Radiologist Assistant, Radiation Therapy, and Vascular-Interventional Radiography 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, depending on the modality of choice.

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 must be completed by the end of fall semester. Applications are reviewed by the program director in January, and all qualified applicants are invited to attend an Admissions Session as part of the selection process. College and program applications are available in the Welcome and Entry Center of the Virginia Beach campus in the Princess Anne Building, by calling the Information Center at (757) 822-1122, or online at: www.tcc.edu/healthprofessions.

Before the application deadline date, you should contact Gloria Singleton in the Domicile Health Professions and Records Office at (757) 822-7340 to verify receipt of your application and transcripts. If transcripts from other colleges are not received in the Central Records Office 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.

CHESAPEAKE

NORFOLK

PORTSMOUTH

SUFFOLK

VIRGINIA BEACH

1700 College Crescent

Virginia Beach

Virginia 23453

Telephone: 757-822-7100

www.tcc.edu

Information on grants, loans, and scholarships is available from the Financial Aid Office. This office can be reached by calling (757) 822-7292. If you are eligible for Veterans educational benefits, the Veterans Affairs Office will assist you with your application. They can be reached by calling (757) 822-7235.

Prospective students are encouraged to attend an 'Open House' presentation conducted by the Radiography Program Director. At the conclusion of this session, the director will speak with you to answer any additional questions you may have. 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 (first floor)
Presentation - 3:00 p.m. to 4:00 p.m.

Please Note:

- Information in this packet is subject to change. Students should check periodically to see if materials have been updated.
- Students must purchase lead markers for use in the clinical setting for approximately \$25
- Prospective students are hereby notified that certain medical facilities require both criminal/sex offender background checks as well as drug screens prior to being authorized to attend clinical education. The cost of the background check is the responsibility of the student. This is necessary in order for program students to attend clinical rotations at the Children's Hospital of the King's Daughters.
- 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.

Sincerely,


Kim Burford Utley, M.S., R.T.(R)
Director, Radiologic Technology Program
<http://www.tcc.edu/healthprofessions>
kutley@tcc.edu

RAD Pkt 10/11st

RADIOLOGIC TECHNOLOGY PROGRAM
Tidewater Community College
PROGRAM SUMMARY

Degree: Associate in Applied Science in Radiography

Length: Six consecutive semesters (two years) including summers that begin in May of each year.

Purpose: The curriculum is designed to prepare selected students to be contributing members of the health care team who, under supervision of qualified radiologists, will produce quality radiographs to assist in the diagnosis and care of patients. Successfully completing the program and experience will qualify graduates to gain employment as radiologic technologists (radiographers). Upon completing the curriculum, graduates will be eligible to apply to the American Registry of Radiologic Technologists which leads to certification as an R.T.(R); Registered Technologist (Radiography).

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

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

1. 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).
2. Submission of official college transcripts to the Central Records office and submission of an on-line Request for Evaluation of Previous Educational Experiences (applicable if requesting transfer credit from other institutions)
Website address: <https://tcc.edu/secure/forms/evaluationrequest.php>
3. Completion of Compass tests for English and Math or transfer credit for college level English and Math. Completion of ENG 3 and MTH 3 is required if compass (placement) tests indicate you need this developmental coursework.
4. Candidates must possess a High School Diploma or GED. The High School transcript is NOT required until student is admitted to the program.

If you meet the admission requirements as outlined above, obtain a Health Professions Program application from <https://tcc.edu/academics/divisions/healthprofessions/application.pdf> Candidates must submit the Health Professions Application to the Health Sciences Domicile Office located in the Princess Anne Building on the Virginia Beach campus by **December 18th** to be considered for the Radiography class that begins the following May (Summer semester). The application may be submitted at any time during the year prior to completion of the prerequisites. The Health Professions Program Application must be accompanied or preceded by a general admission application to the college.

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.

The likelihood of acceptance varies based on the size of the applicant pool and the quality of the applicants. The Radiography program has become very competitive, and enrollment is limited. Admission into the program is based on a point system that considers the total number of credits completed in the Radiography curriculum general education courses and the grades received in those courses. Points are awarded for completion of BIO 141 & 142 (Human Anatomy and Physiology I & II); MTH 126 (Mathematics for Allied Health) or higher; ENG 111 (College Composition I); HLT 141 or 143 (Introduction to Medical Terminology); PSY 230 (Developmental Psychology) or an approved Social Science elective, a Humanities elective and SDV 101 (Orientation to Health Care). The Anatomy and Physiology grades are weighted heavier than the other courses to determine points awarded towards program admission. A student who earns a grade of "A" in BIO 141 & 142 will have an increased chance for admission into the program. 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, the certification will expire before program completion and re-certification will be required.

Healthcare Experience

Up to 6 points towards admission to the program will be awarded to applicants with radiology and/or patient care experience. Applicants should submit a documentation packet outlining their experience with the Radiography Program admission application. The documentation should be accurate, well presented, and verifiable. A committee consisting of program faculty and student advisors will review the applications and award points based on the following criteria. The number of hours performed (100 hours required for maximum points), whether or not the healthcare experience involved direct patient care, if it was radiology related, if the student obtained certification while obtaining their experience and if this experience was completed within the last 5 years.

Fast Track Admission to the Radiography Program:

The fast track option provides a means for students to gain accelerated admission to the Radiography program. To be qualified for the fast track, students must place into Math 158 and English 111 in the assessment (compass) testing process. Alternatively, a student will qualify if they have attained a grade of "A" in English 111 and Math 158 with no prior attempts or remedial Math or English courses. In addition, students must achieve a grade of "A" in Human Anatomy and Physiology (BIO 142) on the first attempt. The fast track candidate must also have volunteer or work experience in healthcare.

Applicant folders are reviewed the first week of January to screen for program (including fall grades). If qualified, you will receive a letter in mid January inviting you to attend the Admissions Session. The sessions are conducted during January, and letters of acceptance are mailed out 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 35-40 who attend are accepted.

Upon notification of acceptance and before beginning the program, applicants must submit a medical report indicating good general health. A two-step PPD, tuberculin skin test, is required as well as immunization records. All program students must be certified in CPR prior to entering the clinical site and must remain current in CPR throughout the program. CPR is not required before beginning the program. A second PPD, tuberculin skin test, will be required when students begin their second year in 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.
- 1440 hours of clinical practice in approved clinical sites will be required of all program students to attain competency in radiography. Clinical hours are Tuesday & Thursday 7:30 am - 4:00 pm the first year of the program and Monday, Wednesday & Friday 7:30 am – 4:00 pm 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 weekends and evening shifts (2:30 p.m. to 11:00 p.m.) during the second year of the program.
- Students must purchase program uniforms, shoes, name tags, and lead markers for clinical.
- 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 probation policy. Clinical attendance and other program policies can be reviewed in the Radiography Student Handbook located in the reference section of the Virginia Beach Campus Library under the name of Kim Utley.

Program Accreditation: 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 2008, 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
(312) 704-5300
(312) 704-5304 Fax

Or visit www.jrcert.org for detailed information.

Radiography Program
Tidewater Community College
APPLICATION PROCEDURE

The following steps must be completed by December 18:

1. Complete a general college application for admission indicating that Radiography is your curriculum choice. Return the completed form to the Welcome and Entry Center at the Virginia Beach campus, Princess Anne Building, Room A-100. If you have already submitted this application, omit this step. All applicants **must** designate the Virginia Beach campus as their home campus.
2. Complete the Health Professions Program Application form indicating Radiography as your program choice. Submit the form to the Domicile Health Professions and Records Office at the Virginia Beach campus anytime throughout the year before **December 18**. If you are a **registered technologist** from an approved program, you should **not** be applying for this program! Call the Radiography Program Director at (757) 822-7253 and ask for a "Registered Radiologic Technologist" packet.
3. Have official transcripts of previous college courses, or other educational experience, sent to Central Records Office, Tidewater Community College, PO Box 9000, Norfolk, Virginia 23509-9000 prior to **December 18**. Verify receipt of all forms and transcripts by calling (757) 822-2150. If your official transcripts are not received by the Central Records office by the application deadline, your application will not be considered.
4. Complete the on-line "Request for Evaluation of Previous Educational Experiences". This request must be received by the Central Records Office in order to evaluate your transcripts and assign transfer credit. Verify receipt of all transcripts by calling (757) 822-2150. If previous college courses were taken at TCC (any campus), this request is not needed. The request can be accessed by visiting <https://tcc.edu/secure/forms/evaluationrequest.php>
Important: Transcripts should be sent as early as possible to allow ample time for evaluation and posting of transfer credits before the application deadline. 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 pre-requisites 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 send a copy of your transcripts to Kim Utley in addition to sending the official copy to the Central Records office. It is the responsibility of the student to ensure that all transfer credit has been granted by TCC.
5. If required, try to take the English and math compass tests **before August 1st**. Consult the Counseling Office at (757) 822-7212 to determine your need to take the compass tests and for the dates and times they will be given.
6. If placement testing determines that you need MTH 3 or ENG 3, they become prerequisites courses that must be completed by the end of fall semester prior to admissions in January.
7. If you took a developmental course at another college, it may not transfer to TCC. As a general rule, other VCCS Community College Developmental courses will be accepted by TCC. Please check with the counseling center to verify developmental work from other colleges to ensure that pre-requisites have been met.

PROGRAM TECHNICAL STANDARDS

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

- Sufficient **eyesight** to observe patients, manipulate equipment and accessories, visually monitor patients in dimmed light via video monitors, and evaluate radiographs for quality.
- Sufficient **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.
- Sufficient 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.

PROGRAM PREGNANCY POLICY

Prospective students are advised that due to increased radio sensitivity of the human fetus, a pregnancy policy has been established to reduce the potential risk of overexposure to the unborn child.

In the event of pregnancy while enrolled in the Radiography program:

1. The student has the option of whether or not to inform the program officials of the pregnancy.
2. Once the pregnancy has been declared in writing to program officials, the student will choose from the following two options:
 - a. Withdrawal in good standing. This option will allow the student to be re-admitted to the program after delivery of the baby, according to the program re-admission policy.
 - b. Continuation in the program under the following circumstances:
 - (1) Physician's approval in writing.
 - (2) The student must sign a consent form releasing the college and its affiliates of any liability associated with fetal damage from radiation exposure.
 - (3) Schedule Modification:
 - a. The student will be rotated out of the high radiation areas while pregnant which **may** delay graduation until these rotations are completed.

- or -

- b. The student may choose to complete all rotations with approval of their physician. Close radiation monitoring will be followed to ensure that radiation exposure limits to the fetus are not exceeded.

ADMISSION PRIORITIES

Due to the large number of applicants and limited enrollment, the Radiography Program strictly follows the admission priorities established by the College:

When enrollments must be limited for any curriculum or course, priority shall be given to all qualified applicants who are residents of the political subdivisions* supporting the college and to Virginia residents not having access to a given program at their local community college, provided such applicants apply for admission to the program prior to registration or by a deadline established by the college. In addition, residents of localities with which the college has clinical-site or other agreements may receive equal consideration for admission. The priority list is as follows:

- (1) residents of the political subdivisions supporting the College,
- (2) other Virginia residents,
- (3) out-of-state residents, and
- (4) foreign students.

Political subdivisions include:

Virginia Beach	York County
Portsmouth	Emporia City
Chesapeake	South Boston City (partial)
Norfolk	Brunswick County
Franklin City	Buckingham County (partial)
Isle of Wight County	Charlotte County
Suffolk City	Cumberland County
Southampton County	Greensville County
Hampton	Halifax County (partial)
Newport News	Lunenburg County
Poquoson	Mecklenburg County
Williamsburg	Nottoway County
James City County	Prince Edward County

NOTE: Applicants must be categorized in priority jurisdictions by the program application deadline date of December 18th

RADIOGRAPHY PROGRAM
Tidewater Community College

PROGRAM MISSION STATEMENT

The mission of the Radiography Program at Tidewater Community College is to prepare competent and professional technologists who will pass the ARRT Certification examination and gain employment as an entry-level radiographer. The program intends to help adults of all ages and backgrounds achieve their individual goals and contribute as citizens and workers to the vitality of an increasingly global community.

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 provide a balance of radiographers to the region and an attempt to meet the needs of the community it supports.
- Encouragement and preparation for students to engage in professional development and lifelong learning activities.

RADIOGRAPHY PROGRAM
Tidewater Community College

PROGRAM GOALS AND INTENDED OUTCOMES

- I. The Program will meet the need for Certified Radiographers in the Community
 - A. Graduates will indicate overall satisfaction with the program
 - B. Employers will indicate overall satisfaction with the program
 - C. Students who enroll in the program will graduate
 - D. Graduates will pass the ARRT certification exam
 - E. Program graduates will gain employment as a radiographer

- II. Students will be Clinically Competent
 - A. Students will demonstrate accurate positioning skills
 - B. Students will apply appropriate radiation protection practices
 - C. Students will demonstrate appropriate patient care skills
 - D. Student will safely operate equipment in the radiology department
 - E. Employers will confirm that graduates are performing competently

- III. Students will Apply Problem Solving and Critical Thinking Skills
 - A. Students will demonstrate the ability to use independent judgment when performing radiographic procedures
 - B. Students will be able to adjust exposure factors to accommodate patient variables
 - C. Students will analyze data to formulate conclusions pertaining to radiographic principles

- IV. Students will Demonstrate Effective Communication Skills
 - A. Students will communicate effectively with patients
 - B. Students will communicate effectively in writing
 - C. Students will demonstrate effective listening skills

- V. Students will Demonstrate Professional Development and Growth
 - A. Students will exhibit professional behavior
 - B. Students will comprehend appropriate ethical decision making

RADIOLOGY PROGRAM
Tidewater Community College

PROGRAM OVERVIEW

General Information

- ◆ The Radiography Program is two (2) years in length
- ◆ Six (6) consecutive semesters including summers
- ◆ Completion in less than two (2) years not optional
- ◆ Full-time program offered during the daytime hours - 7:30 a.m. to 4:30 p.m.
- ◆ A new class begins in May of each year
- ◆ Admissions is conducted in January and February
- ◆ Students graduate in May

Degree Awarded Upon Program Completion

- ◆ A.A.S. (Associates in Applied Science) Degree
- ◆ Certificate Programs in Radiography also exist through Hospitals
- ◆ Basic A.A.S. program is two years in length once students begin Radiography Courses
- ◆ Graduates are eligible to apply for National Certification to become a Registered Technologist R.T.(R) or (Radiographer) through the American Registry of Radiologic Technologists (ARRT)

*Articulation Agreement with ODU for Transfer into
Bachelor of Science in Health Science Program-Additional Courses Needed:*

- ◆ History 101, 102, 111, 112, or 122
- ◆ Social Science Elective – choose 1 course from TCC catalog under “Certificate in General Education”
- ◆ English 112
- ◆ Math 157, 158 or 163 (or any higher level transferable math)
- ◆ CST 100-Principles of Public Speaking
- ◆ Humanity Elective – Fine & Performing Arts - choose from:
ART 201 or 202, CST 130 or 141, HUM 201, 202, or 260, or MUS 121 or 122

Program Accreditation Status

- ◆ Joint Review Committee on Education in Radiologic Technology - JRCERT
- ◆ Full (8) eight-year accreditation awarded in 2008
- ◆ Program Graduates are qualified to apply to sit for the National Certification Exam

Certification Process

- ◆ Graduation from TCC’s accredited program deems students eligible to apply for the Certification Exam
- ◆ American Registry of Radiologic Technologists – ARRT
- ◆ 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 exam before entering program
- ◆ ARRT Certification is nationally recognized
- ◆ Credentials upon passing the exam - R.T. (R) - qualifies students to work in general diagnostic radiology.
- ◆ Must be an R.T.(R) to work in a hospital setting
- ◆ The state of Virginia requires a license to practice in non-hospital settings such as a doctor’s office

TCC Program Graduate Data

- ◆ ARRT Exam Pass Rates 95 - 100 % range over the last 5 years
- ◆ Program Completion Rates 87.5% - 97.7 % range over the last 5 years
- ◆ Employment Rates (within 6 months)
 - 100% - 2006 graduates
 - 97.7% - 2007 graduates
 - 92.8% - 2008 graduates
 - 75.0% - 2009 graduates
 - 61.1% - 2010 graduates
 - Data inconclusive for 2011 – prediction is 75%
- ◆ The number of employment positions in the profession of radiography has declined in recent years

Approximate Starting Salaries for R.T. in Hospital Settings in the Tidewater Region (Salaries may be lower in office settings)

- ◆ Full-time with full benefit package
 - < \$19.00 per hour plus shift differential
 - < \$39,500 annual
- ◆ Flexi-pool without Benefits
 - < \$21.00 per hour plus shift differential
 - < \$44,000 annual
- ◆ Temporary Agency
 - < \$19.00 - \$25.00 per hour
 - < \$52,000 annual

Specialization Opportunities Each has their own Certification Exams

- ◆ Bone Densitometry
- ◆ Breast Sonography
- ◆ Cardiac-Interventional Radiography
- ◆ Computed Tomography (CT)
- ◆ Diagnostic Medical Sonography
(Both a Primary & post-primary tract)
- ◆ Magnetic Resonance Imaging (MRI)
(Both a Primary & post-primary tract)
- ◆ Mammography
- ◆ Nuclear Medicine
(Both a Primary & post-primary tract)
- ◆ Quality Management
- ◆ Radiologist Assistant
- ◆ Radiation Therapy
- ◆ Vascular-Interventional Radiography
- ◆ The salary for technologists certified in the specialty fields is generally higher than diagnostic radiography.

Program Admissions Process

First Steps

- ◆ Submit a general TCC application
- ◆ Take placement tests for Math & English
- ◆ Have courses from other colleges evaluated for transferability to TCC
- ◆ Complete prerequisites by the end of fall semester!
- ◆ Submit a Health Professions application by **December 18** to the admissions office

Placement Tests

- ◆ Schedule through the testing center
- ◆ Indicates your need to take developmental Math and English courses
- ◆ Complete tests before fall semester begins
- ◆ Enroll in MTH 3 and/or ENG 3 no later than fall semester if placement tests indicate you need them.

Placement tests may not be necessary if you transfer math or English credits from another accredited college, or SAT or ACT scores are high enough. Check with the counseling center to verify

Minimum Program Prerequisites

- ◆ High School Graduate or GED
- ◆ Math 3
- ◆ English 3
- ◆ Anatomy & Physiology I - BIO 141

All prerequisites must be completed by end of the fall semester to be qualified to apply to the program

Prerequisite for BIO 141

- ◆ BIO 100(Basic Human Biology) highly recommended by the counseling center
- ◆ Preps students for success in BIO 141
- ◆ BIO 141 has high failure rate if student is not prepared
- ◆ BIO 100 is not required by the RAD program but is highly recommended if:
 - You did not take biology in high school
 - Your retention of biology from high school is weak
 - Use your own judgment to ensure success in 141
- ◆ HLT 141/HLT 143 vs. BIO 100 is optional prep for BIO 141
- ◆ BIO 100 and HLT 141 recommended for best preparation and success

Admissions Process

- ◆ All applicants are screened for minimum prerequisites in early January
- ◆ Invitation letters sent out to the top 70 – 75 applicants with the highest points by the middle of January
- ◆ Admission Sessions are held in late January for applicants who respond to the invitation letter
- ◆ Acceptance letters are sent out to the top 40 students by March 1st
- ◆ Remaining students are placed on an alternate waiting list

Point System for Admissions

- ◆ Points are awarded for general education courses completed in Radiography curriculum
- ◆ Course grades determine number of points as indicated by the scale below
- ◆ Grades in Anatomy & Physiology I are weighted much heavier than other courses!
- ◆ No interviews are conducted; however, applicants must attend an Admissions Session to be eligible for admission to program.
- ◆ Up to 6 points will be awarded for prior patient care experience – refer to page 4 of this document

Point Scale used for Admissions

<u>BIO 141</u>	<u>BIO 142</u>	<u>General Ed Courses</u>	<u>SDV 101</u>
A = 50 points	A = 25 points	A = 5 points	A = 2 points
B = 25 points	B = 15 points	B = 3 points	B = 1 point
C = 3 points	C = 3 points	C = 1 point	C = 0 points
Currently enrolled in BIO 142 = .5 points		Healthcare experience = 6 points maximum	

If BIO 141 was completed more than five years prior to the application deadline, the General Ed Point Scale will apply. No points are awarded for HLT 150 or HLT 105 at this time.

Fast Track Admissions

- Students must meet ALL criteria as outlined below to be eligible
- Placement into math 158 or grade of “A” on first attempt with no prior developmental or lower level courses in math = 25 points
- Placement into English 111 or grade of “A” on first attempt with no prior developmental or lower level courses in English = 20 points
- Grade of “A” in BIO 141 on first attempt = 50 points
- Volunteer or work experience in healthcare = 1-6 points

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 through another provider such as the American Heart Association.
- ◆ CPR Certification must be for Healthcare Providers, not layman CPR

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

- ◆ BIO 141/142 Human Anatomy & Physiology I & II
- ◆ ENG 111 English Composition I
- ◆ HLT 141 Introduction to Medical Terminology (HLT 143 may be substituted)
- ◆ MTH 126 Mathematics for Allied Health (MTH 158, 163, or 157 may be substituted for MTH 126)
- ◆ HUM Humanity Elective (replaces PHI 226 in 2011 catalog)
- ◆ PSY 230 Developmental Psychology (Previous social science courses may be substituted)
- ◆ SDV 101 Orientation to Health Care

A Word to the Wise

- ◆ If possible, complete BIO 142 before starting the program in May.
- ◆ It is VERY difficult to take BIO 142 while enrolled in the Radiography Program!

Acceptance into the RAD Program

- ◆ Students with the highest number of points are accepted first
- ◆ 35-40 students are accepted per year (Based on community need).
- ◆ Remaining qualified students are placed on an alternate waiting list.
- ◆ Alternates are called as the original accepted students decline their positions prior to program start date
- ◆ Alternates are called to begin the program up to first day of classes in May.
- ◆ Students on the alternate list who are not accepted must submit another application the following year.

Priority Admission Policy

- ◆ VCCS (state) policy mandates that in-state residents be accepted before out-of-state residents.
- ◆ In-state students who reside in the political subdivisions who support the college will be given priority admission.
- ◆ The student's jurisdiction as of **December 18** will be used for admission to the Radiography program.
- ◆ Questions, complaints, or challenges to this state policy should be directed to the domicile office.
- ◆ Check with the domicile office for military exemptions & necessary procedures regarding this policy

Open House Information Session Conducted by the Program Director

- ◆ Strongly suggested for those who are interested in the Program, but NOT mandatory.
- ◆ Held on the **3rd** Thursday of every month except December
- ◆ Regional Health Professions Center -Room MN 112 on the Virginia Beach Campus of TCC
- ◆ 3:00 p.m. - 4:00 p.m. - Presentation begins at 3 p.m. It is best to attend the entire session if possible.
- ◆ No appointment or sign-up in advance is required to attend the Open House session.
- ◆ Attendance at an Open House session is not mandatory for admission to the program

Radiography (172) Associate of Applied Science Degree: Radiography

Pre-requisite

Prerequisite	Course No.	Course Title	Credits	When Taken	Grade
BIO 100 or BIO 101	BIO 141	Human Anatomy and Physiology I	<u>4</u>	_____	()
	Semester Total		4		

SEMESTER 1 (Based on a Summer Semester start)

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
_____	HLT 150	Cross Cultural Health and Wellness Practices	1	_____	()
_____	HLT 141	Introduction to Medical Terminology ³	2	_____	()
Admission to Program	RAD 120	Medical Care Procedures and Safety in Radiology	3	_____	()
Admission to Program	RAD 141	Principles of Radiologic Quality I	4	_____	()
	SDV 101	Orientation to Health Care	<u>1</u>	_____	()
	Semester Total		11		

SEMESTER 2 Fall

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
BIO 141	BIO 142	Human Anatomy and Physiology II	4	_____	()
Admission to Program	RAD 121	Radiographic Procedures I	4	_____	()
Admission to Program	RAD 131	Elementary Clinical Procedures I	3	_____	()
RAD 141	RAD 142	Principles of Radiologic Quality II	<u>4</u>	_____	()
	Semester Total		15		

SEMESTER 3 Spring

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
Placement	ENG 111	College Composition I ¹	3	_____	()
RAD 131	RAD 132	Elementary Clinical Procedures II	3	_____	()
Admission to Program	RAD 205	Radiation Protection and Radiobiology	3	_____	()
RAD 121	RAD 221	Radiographic Procedures II	<u>4</u>	_____	()
	Semester Total		13		

SEMESTER 4 Summer

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
RAD 132	RAD 190	Coordinated Internship	3	_____	()
RAD 221	RAD 245	Radiographic Specialties	<u>1</u>	_____	()
Semester Total			4		

SEMESTER 5 Fall

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
Placement	MTH 126	Mathematics for Allied Health ¹	3	_____	()
Admission to Program	RAD 206	Human Disease and Radiography	2	_____	()
RAD 190	RAD 231	Advanced Clinical Procedures I	5	_____	()
Admission to Program	RAD 255	Radiographic Equipment	<u>3</u>	_____	()
Semester Total			13		

SEMESTER 6 Spring

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
_____	HUM EEE	Humanities Elective	3	_____	()
_____	PSY 230	Developmental Psychology ²	3	_____	()
RAD 231	RAD 232	Advanced Clinical Procedures II	5	_____	()
Admission to Program	RAD 280	Terminal Competencies in Radiography	<u>1</u>	_____	()
Semester Total			12		
Total Minimum Credits			72		

¹ Placement test or prerequisite required. Math 126 may be substituted with Math 157, 158 or 163 for transferability. Math 126 does not transfer to most universities
² Previous social science courses may be substituted with permission.
³ HLT 143 (3 credits) may be substituted for HLT 141 (Introduction to Medical Terminology) if, HLT 141 (2 credits) is not available.

NOTES:

- < Program requirements may change in accordance with federal, state, or industry standards. Call 822-7257 for the most current information.
- < In order to graduate with the associate’s degree, you must meet the college’s computer competency requirement. Refer to the TCC College Catalog or consult your academic advisor or counselor to determine how to satisfy this requirement.