
Radiography Program

Application and Requirements Deadline – March 31, 2022

It is the student's responsibility to monitor the completion of the Minimum Admission Requirements (MAR) whether enrolled at CVCC or elsewhere. CVCC reserves the right to change curriculum and admission requirements without prior notice. Applicants are responsible for completing admission requirements and ensuring all materials have been submitted to the College by the deadline and as directed.

Please do not wait until the deadline to start the process. Application to any healthcare program is complex. Applicants who begin the CVCC admission process weeks or months before the deadline give themselves time to resolve unexpected issues.

This packet provides information to assist you with the admission and selection process for the Radiography program. Please *carefully review all information* provided in this packet. Additional information can be found on the CVCC Radiography webpage. For questions regarding the program, contact the Department Head at (828) 327-7000 extension 4075 or by email to svandervander@cvcc.edu. For questions regarding admission requirements, please contact Admissions at extension 4216 or email healthcare@cvcc.edu.

MISSION STATEMENT

The mission of the Radiography Program is to prepare individuals to function in the professional medical community as entry-level radiographers certified by the American Registry of Radiologic Technologists. This five semester, Associate in Applied Science program will offer opportunities for students to acquire the necessary knowledge, skills and attitudes required to use radiation to produce images of the various organs and systems and to provide safe, effective patient care.

VISION STATEMENT

The vision of the Radiography Program is to strive for excellence through continuous improvement providing students with marketable skills and learning opportunities that promote critical thinking and problem-solving.

PROGRAM GOALS

Goal 1: Students will be clinically competent.

Learning Outcomes:

Students will apply positioning skills.
Students will select technical factors.

Goal 2: Students will demonstrate communication skills.

Learning Outcomes:

Students will demonstrate written communication skills.
Students will demonstrate oral communication skills.

Goal 3: Students will develop critical thinking skills.

Learning Outcomes:

Students will demonstrate appropriate analytic skills during advanced radiographic procedure labs.
Students will recognize diagnostic and non-diagnostic radiographs.

Goal 4: Students will model professionalism.

Learning Outcomes:

Students will demonstrate acceptable ethical attitudes with patients.
Students will participate in an ethical discussion or debate.

What is a radiographer? Radiographers use radiation to produce images of the human body.

What employment opportunities are available? Radiographers work in hospitals, clinics, physicians' offices, medical laboratories, government agencies and industry. Starting salaries are typically around \$39,000 per year or \$19 per hour. For general information related to the profession of radiography, refer to <http://www.asrt.org/>.

What is the class schedule/length for the Radiography program? The program begins in the Fall Semester. Radiography classes and clinical rotations are held during the day with some evening clinical assignments. Students will begin their studies in the classroom and the laboratory and will participate in clinical experiences in hospitals and/or other medical facilities. The Radiography program consists of five semesters, which take two years to complete. Graduates of the program are eligible to apply to take the American Registry of Radiologic Technologists' national examination for certification and registration as medical radiographers. **Applicants must complete, or be currently enrolled in, all general education/related coursework for the Radiography Program listed on the Minimum Admission Requirements (MAR) Checklist by the application deadline date.** Completion of these courses does not shorten the program length as Radiography courses take two years (five semesters) to complete.

Clinical Rotations: Radiography students will be required to complete clinical rotations which may require the student to travel as much as one hour from campus.

Accreditation Information: The Catawba Valley Community College Radiography Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program has a full 8-year accreditation with the next review date in October, 2027. Catawba Valley Community College is regionally accredited through Southern Association of Colleges (SACS). Effectiveness data for the radiography program is available on the JRCERT and Catawba Valley Community College Radiography Program website. Contact information for the JRCERT: 20 N Wacker Drive, Chicago, IL 60606-3182; phone 312-704-5300, fax 312-704-5304; website: www.jrcert.org; e-mail: mail@jrcert.org.

How do I apply for the program? Complete the [CVCC Online Application](#) for Admission under the "Apply Now" tab on the CVCC homepage. Applications are activated by distance provided the applicant sends an email to admissions@cvcc.edu in which a request is made to activate the Application by distance accompanied by a photo of the applicant's photo ID. Applicants are responsible for reading and understanding packet contents and meeting requirements. Admission to the program is based upon completion of all minimum requirements as listed on the attached Minimum Admission Requirements (MAR) Checklist by the specified deadline date, the number of vacancies in the program and the competitive selection process. **Completion of the MAR is not a guarantee of acceptance.** CVCC does not use waiting lists for any health program.

What if I completed the pre-requisites based on prior requirements and have different coursework or test scores than listed on the 2022 MAR Checklist? Applicants must follow all requirements found on the 2022 MAR Checklist. Applicants presenting anything other than the requirements listed on the 2022 MAR Checklist will not be considered for admission.

How much does the program cost? College tuition is set by the North Carolina State Legislature and is subject to change. Students are required to purchase a variety of books, instruments, clinic uniforms, malpractice insurance, accident insurance, and other fees as set by the College. The *approximate* cost for the program is \$9,700. (This figure is based upon current in-state tuition rates and reflects an approximate cost only.)

How do I apply for Financial Aid? All applicants are encouraged to apply for financial aid by completing the Free Application for Federal Student Aid ([FAFSA.ed.gov](https://fafsa.ed.gov)). For information about financial aid, contact the [Office of Scholarships and Financial Aid](#) online, by email at financial_aid@cvcc.edu or by calling at 828-327-7000, ext. 4860.

Do I need a computer? Yes! Coursework requires students to have their own computer with dependable internet access, printer access, microphone, webcam accessibility, Word, PowerPoint and Excel. Upon application activation to CVCC, students are assigned a CVCC email address. Communication between student, faculty and any other college personnel will be by CVCC email. Students are expected to use the CVCC email for **all** college correspondence. Students need to read CVCC emails daily and check Blackboard for announcements/assignments, whether enrolled at CVCC or elsewhere. Applicants are notified of an accepted or non-accepted status via **CVCC email**.

Will I be required to complete a Criminal Background Check/Drug Screening? Yes. *Carefully read the information below regarding background checks, drug testing, and the result of a negative background check. Applicants must use CastleBranch, a background screening and compliance management company, for background check/drug screenings.*

- Clinical facilities will require students to undergo criminal background checks and drug testing.
- The student will be required to pay fees associated with these screenings.
- Clinical facilities may refuse access to clinical experiences based on the criminal background checks and/or drug testing and/or the North Carolina Sex Offense Registry.
- If any clinical facility refuses to allow a student access to a clinical experience, the student will be **unable to continue in the program**.
- The American Registry of Radiologic Technologists requires disclosure of any conviction, felony or misdemeanor on the registry application. At the sole discretion of the Registry, convictions may disqualify the student from the registry examination.
- Applicants with a felony or misdemeanor conviction should file a pre-application with the American Registry of Radiologic Technologists to determine registry eligibility prior to enrolling in the program.

How does undocumented immigrant status or DACA status affect application to the program? Current North Carolina Community College System policy allows DACA and undocumented applicants to enroll at CVCC at the out of state tuition cost. However, acceptance to the college does not guarantee acceptance to a *specific* program. Students with an *unexpired DACA status* are eligible to apply to an Allied Health program. Students must keep active DACA status to remain enrolled in an Allied Health program. Professional licensure is granted by state licensing boards. **Students should inquire with the appropriate licensure board for specific licensure requirements.** Undocumented students are not eligible for admission to an Allied Health program. According to North Carolina and Federal laws, undocumented students are not eligible for North Carolina professional licensure. This policy is subject to change without notice based upon federal and state regulations.

What if I move while applying for this program? It is a student's responsibility to inform the college of changes in personal information regarding name, phone number and mailing address. To make changes to personal information, follow the instructions found on the CVCC Student Records web page regarding a [Personal Information Change](#). Students may also visit Student Services to request the change.

What if I am not admitted to the program? Applicants not admitted will need to re-apply by completing the MAR Checklist for the year of reapplication AND by emailing healthcare@cvcc.edu to confirm an active program status. Instructions regarding reapplication will be included in the applicant's status notification email. Students are responsible for following the guidelines for reapplication. **Students are required to submit a new MAR Checklist each year to apply.**

I am currently a Radiography student at another college or university and would like to transfer to pursue the CVCC Radiography program. What should I do? Contact the Director of Radiography.

Do I need to wait until the deadline to submit items and apply? No. Applicants should not wait until the deadline to submit items and are encouraged to submit items early. Applicants are responsible for making sure all materials have been submitted to the College by the published deadline and as directed by the packet.

How do I submit the MAR Checklist once it is completed? From the student's CVCC email account (activated after applicant emails admissions@cvcc.edu to request application activation by distance), email a scanned or cell phone photo of the completed MAR Checklist to healthcare@cvcc.edu. The MAR Checklist must be entirely readable with the student's name and CVCC ID#. MAR Checklists are not accepted after the published deadline; applicants should make note of the deadline date published and submission instructions in the packet and on the MAR Checklist.

When and how will I be notified of acceptance to the program? Applicants will be notified of acceptance to the program within 4 to 6 weeks of the deadline via an email to their CVCC email account. Applicants chosen as alternates or not accepted for the program will also be notified at that time. Students may apply to only one (1) healthcare program at a time. Should acceptance to that program be denied, the student may apply to another healthcare program whose application deadline has not yet occurred. (CVCC Procedures, 3.4)

What am I required to do before the first day of class if I am accepted? Accepted applicants must attend an Orientation Session with the Program Director and Faculty at which time the student will be provided with information concerning other program requirements.

What if I am unable to attend the Orientation Session or meet the other requirements before the first day of class? Students not attending the Session and/or being unable to meet any additional requirements listed above will be unable to enter the program.

Who can I contact if I have additional questions? For questions regarding the program, contact the Director of Radiography. For questions regarding Admission, please contact Admissions by emailing healthcare@cvcc.edu.

Minimum Admission Requirements (MAR) Explained

To be considered for acceptance, all applicants must complete Minimum Admission Requirements (MAR) by **March 31, 2022**. The following information explains each Minimum Admission Requirement in detail and provides hyperlinks to navigate to resources that may be helpful in fulfilling each requirement. Applicants are responsible for making sure all materials have been submitted to the College by the deadline and as directed in the packet.

Please do not wait until the deadline to start the process. Application to any healthcare program is complex and complicated. Applicants who begin the CVCC admission process weeks or months before the deadline give themselves time to resolve unexpected issues.

1. DO THIS STEP FIRST: Activate* the [CVCC Application](#) with “Radiography” as the intended major and the appropriate entry term.

Applications are activated by distance when an applicant sends an email by the deadline to admissions@cvcc.edu that includes a cell phone photo of a photo ID (driver's license) & a request to activate the Application by distance. Applicants are responsible for following packet directions and meeting requirements. Students may email healthcare@cvcc.edu to confirm an active program status for Radiography. To avoid disappointment, do not wait until the deadline date to start the Application process.

2. High School Transcript: Submit an *official* High School/High School Equivalency transcript in a sealed envelope issued by the school, electronically through a 3rd party vendor to transcripts@cvcc.edu or by postal mail. Plan accordingly to ensure transcripts arrive by the deadline. Applicants seeking information on how to request transcripts may visit [How to Request Official Transcripts](#).

3. College Transcripts: Submit **ALL** *official* College Transcripts from EVERY college ever attended (except CVCC) in a sealed envelope issued from the school, electronically through a 3rd party vendor to transcripts@cvcc.edu or by postal mail. Plan accordingly to ensure transcripts arrive by the deadline.

4. Demonstrate college readiness by appropriate developmental courses, college courses, SAT or ACT scores, college placement testing, Multiple Measures or RISE placement assignment.

- College level English and math courses completed with a grade of “C” or higher; or
- Qualifying SAT, ACT, Multiple Measures or NCDAP scores within 10 years.

Minimum Admission Requirements (MAR) Explained

5. Attend Radiography Information Session.

All applicants must attend a mandatory Radiography Information Session **within the past year (March 31, 2021 to March 31, 2022.)** Information Session dates and times may be found on the program website at:

http://www.cvcc.edu/Health_Public_Services/Health_Services/Radiography/index.cfm.

6. Required Grade Point Average (GPA). Applicants must satisfy at least one of the GPA scenarios:

- Recent high school graduates (January 1, 2019 or later) and current high school students must have an unweighted GPA of 2.80 or higher. The HS transcript must designate the unweighted GPA.
- Current or prior CVCC students must have a 2.80 cumulative GPA.
- Applicants who have attended another regionally accredited college or university and have completed six (6) semester hours of coursework in the CVCC curriculum may use the cumulative GPA earned at that college or university provided it is a 2.80 or higher. An official transcript is required to verify GPA.

8. Completed (or in progress/currently enrolled in*) required general education courses listed below (minimum grade of "C" or higher required):

ENG 111 – Writing and Inquiry	PSY 150 – General Psychology
ENG 112 – Writing/Research in the Disciplines	BIO 168 – Anatomy & Physiology I
OR 113 – Literature Based Research	AND
OR 114 – Prof Research & Reporting	BIO 169 – Anatomy & Physiology II
Humanities/Fine Arts Elective	MAT 143 – Quantitative Literacy (MAT 140 prior to Fall 2014)
	OR MAT 152 – Statistical Methods I
	OR MAT 171 – PreCalculus Algebra

*Only **completed** general educational courses with grades are awarded points in the competitive admissions process. Applicants currently enrolled in the general education courses for which a final grade has not been earned are not awarded points for those courses. Applicants applying for the Radiography program while currently completing any of the above required general education courses MAY be offered contingent admission to the program. Contingent admission allows a student to retain their accepted position in the program ONLY if the student successfully completes courses in progress with a grade of "C" or higher. Applicants not successful in completing courses in progress with a grade of "C" or higher need to reapply for admission the next academic year.

Minimum Admission Requirements (MAR) Explained

9. Complete ATI TEAS - Test of Essential Academic Skills

- Each applicant must take the TEAS between **March 31, 2019 and March 31, 2022**.
- If applicants take the TEAS at CVCC, TEAS scores are automatically recorded in the applicant's record.
- Applicants who do not take the TEAS at CVCC must request official score reports from ATI (www.attesting.com) to be sent to CVCC before the deadline.
- The TEAS test is given by appointment only at CVCC. **Applicants may schedule a test date online through the [Testing Center](#) webpage.** The TEAS exam fee is paid through the CVCC Business Office. The Business Office will provide a receipt of payment. The receipt of payment will be taken to the CVCC Testing Center on the test date. **Testing will not be allowed without the receipt.** Photo ID is required to take the TEAS Exam. Please contact the [Business Office](#) at (828) 327-7000 for additional questions.
- There is no limit placed on the number of times an applicant can take the TEAS exam. The highest score within three (3) years will be used. Applicants may test only once per day.
- An ATI TEAS Study Guide is available for purchase in the CVCC bookstore or can be purchased online at www.atitesting.com.

10. Submit the completed MAR Checklist before the deadline.

- From the student's CVCC email account (activated after application has been activated), send a scanned copy or cell phone photo of the completed MAR Checklist to healthcare@cvcc.edu.
- A submitted MAR Checklist must be entirely readable with the student's name and CVCC ID#.
- MAR Checklists are not accepted after the published deadline; applicants should make note of the published deadline date and submission instructions in the packet and MAR Checklist.
- Documents emailed to any other CVCC email address are not considered.
- Submission of the MAR Checklist is not a guarantee of acceptance into the program.

COMPETITIVE SELECTION AND RANKING

The following criteria will be used to evaluate and select the best-qualified applicants from those who completed all Minimum Admission Requirements (MARs) by the deadline. Those applicants receiving the highest number of points will be admitted to the program until the class is filled. The number of students accepted each year can vary. The Radiography program plans to accept 12 to 14 students depending on clinical space.

(a.) Points for completion (with a “C” or higher) of required General Education Courses:

ENG 111 – Writing and Inquiry	PSY 150 – General Psychology
ENG 112 – Writing/Research in the Disciplines OR 113 – Literature Based Research OR 114 – Prof Research & Reporting	BIO 168 – Anatomy & Physiology I AND BIO 169 – Anatomy & Physiology II
Humanities/Fine Arts Elective	MAT 143 – Quantitative Literacy (or MAT 140 prior to Fall 2014) OR MAT 152 – Statistical Analysis OR MAT 171 – PreCalculus Algebra

Courses in progress at the deadline are not awarded points in the competitive selection process. Admission to the program for students who are still completing coursework is contingent upon evidence of successful completion of the course(s) with a “C” or higher.

- (b.) Points for the applicant’s cumulative GPA.** The applicant’s unweighted cumulative high school GPA may be used. The applicant must have graduated from high school January 31, 2019 or later. Applicants who have graduated from high school within the specified timeframe will use either the designated unweighted HS GPA or the cumulative GPA at CVCC, whichever is higher. Transfer students bringing in 6 or more transfer hours in the curriculum may use that college’s GPA, CVCC’s GPA, or the designated unweighted HS GPA. The highest cumulative GPA total will be used. There will not be any GPA combinations. Only the highest single source cumulative GPA will be used.
- (c.) Applicants will be awarded points according to their score on the TEAS exam.** There is no limit on the number of times a student takes the TEAS test; however, applicants may test only once per day. There is no minimum required. Official test scores sent electronically by ATI must be received by the deadline to be considered. The TEAS must be taken between March 31, 2019 and March 31, 2022. The highest total score will be used.

RADIOGRAPHY – Technical Standards

Radiography is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. The following activities are examples of the kind of activities which a student in the Radiography Program will be required to perform in order to successfully complete the program.

Requirements

Critical Thinking	Critical thinking ability sufficient for clinical judgment.	Make judgments concerning modification of radiographic procedures and/or technical factors to accommodate patient age and/or condition.
Interpersonal Skills	Interpersonal abilities to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.	The student shall establish rapport with clients/patients and health care team members.
Communication Skills	Communication abilities sufficient for interaction with others in verbal and written form.	Explain procedures, document and interpret technical actions and patient/client responses.
Mobility	Physical abilities sufficient to move from room to room, maneuver in small spaces, and lift, move, and push heavy patients and equipment.	Move and position mobile x-ray equipment in small, crowded patient rooms, surgery, and / or critical care units.
Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective radiographic practice.	Calibrate and use equipment, position patients/clients.
Hearing	Auditory ability sufficient to monitor and assess patient health needs.	Hear alarms, emergency signals, auscultatory sounds, and cries for help.
Visual	Visual ability sufficient for observation and assessment necessary for patient care.	Observe patient/client responses, assess patient.
Tactile	Tactile ability sufficient for physical assessment and the handling of small objects.	Operate locks and controls on radiographic equipment.
Weight-Bearing	Ability to lift and manipulate / move 45-50 pounds, weekly and sometimes daily.	Positions patient/clients, move equipment.
Cognitive Abilities	Cognitive ability to be oriented to time, place and person and organize responsibilities and make decisions.	Determine sequence of radiographic projections to allow for maximum patient comfort and minimum patient movement when multiple radiographic examinations are ordered on the same patient.
Occupational Exposures	Exposure to communicable diseases and / or body fluids, toxic substance, medicinal preparations and latex. Students shall use appropriate precautions at all times.	The student may be assigned a client / patient with a communicable disease and shall provide care using universal precautions.

Please note: Examples are not all inclusive.

If you have a disability and need accommodations, please contact the Counselor/Students with Disabilities Program at least 72 hours in advance at (828) 327-7000, ext. 4222

or accommodations@cvcc.edu

RADIOGRAPHY – Additional Program Costs

(Estimates only; subject to change without notice)

1st Year

Uniforms (3 sets)	\$300 approx
Black Leather Shoes	\$75
Radiographic Markers	\$25
Radiation Monitoring Device	\$40/semester
ASRT Membership	\$30
NCSRT Membership	\$30
Certified Background (criminal background check, drug testing, immunizations)	\$120 approx
Professional Liability Insurance	\$28/year
Physical Exam	\$200
Hepatitis B Immunization	\$171
TB Test x 2	\$50

2nd Year

ASRT Membership	\$30
NCSRT Membership	\$25
Radiation Monitoring Device	\$40/semester
ARRT Certification Exam	\$200
Professional Liability Insurance	\$28/semester
Professional Seminars	\$500 approx

Ongoing expenses

Transportation
Books and Supplies
Tuition

Please Note:

- These cost estimates are **in addition to** the costs that any student attending CVCC will incur each semester, such as tuition, activity fees, accident insurance, books, and class supplies such as pens, paper, etc.
- Students applying for graduation will pay diploma fees.

Pre-Admission Coursework Guide

The information provided below is for planning purposes only. Admission and curriculum requirements are subject to change without notice.

It is the applicant's responsibility, whether enrolled at CVCC or elsewhere, to monitor completion of the Minimum Admission Requirements (MAR) on a semester by semester basis. Students must ensure all materials have been submitted **before** the deadline as directed by the packet.

The following courses **must be completed with a grade of "C" or higher (or currently be "in progress,")** by the published deadline:

BIO 168 – Anatomy & Physiology 1 (4 credit hours)	
BIO 169 – Anatomy & Physiology 2 (4 credit hours)	
ENG 111 – Writing and Inquiry (3 credit hours)	
ENG 112 – Writing/Research in the Disciplines (3 credit hours) OR ENG 113 – Literature-Based Research (3 credit hours) OR ENG 114 – Professional Research and Reporting (3 credit hours)	
Humanities/Fine Arts Elective (3 credit hours)	
MAT 143 – Quantitative Literacy (3 credit hours) OR MAT 152 – Statistical Methods I (3 credit hours) OR MAT 171 – PreCalculus (3 credit hours)	
PSY 150 – General Psychology (3 credit hours)	

Only courses completed with a grade of "C" or better at the time of the published deadline are awarded points in the competitive admission process. Courses in progress at time of deadline are not awarded points.

Application & Requirements Deadline – March 31, 2022 @ 11:59 pm EST

Name: _____ **Student ID#:** _____

This MAR Checklist can be found on the CVCC Radiography Webpage. Any revisions made to the MAR Checklist are updated to the webpage. Admission requirements are subject to change without notice.

- 1. **DO THIS FIRST:** Activate* the [CVCC Application](#) with “Radiography” as the intended major or confirm a previous student record is active by emailing healthcare@cvcc.edu.

*Applications may be activated by distance provided the applicant sends an email by the deadline to admissions@cvcc.edu that includes a cell phone photo of a photo ID (driver’s license) & a request to activate the Application by distance. Applicants are responsible for reading and understanding the Radiography Admissions packet contents and meeting requirements.

- 2. Submit an official, sealed [High School/High School Equivalency Transcript](#).
- 3. Submit ALL official, sealed [College Transcripts](#) from every school ever attended (except CVCC). If additional coursework is completed after submission of transcripts, an official updated transcript must be submitted to CVCC to ensure all possible transfer credit is awarded.
- 4. Demonstrate college readiness by appropriate developmental courses, college courses, SAT/ACT scores, college placement testing, Multiple Measures or RISE placement assignment.
- 5. Attended mandatory [Radiography Information Session](#) within the past 12 months (March 31, 2021 to March 31, 2022).
- 6. Meet minimum **GPA** Requirement of 2.80.
- 7. **Completed, or currently enrolled in**, the General Education Classes listed below with a grade “C” or higher in each course.

ENG 111 – Writing and Inquiry	PSY 150 – General Psychology
ENG 112 – Writing/Research in the Disciplines OR 113 – Literature Based Research OR 114 – Prof Research & Reporting	BIO 168 – Anatomy & Physiology I AND BIO 169 – Anatomy & Physiology II
Humanities/Fine Arts Elective	MAT 143 – Quantitative Literacy (or MAT 140 prior to Fall 2014) OR MAT 152 – Statistical Methods I OR MAT 171 - PreCalculus

- 8. Complete **ATI TEAS Exam** between March 31, 2019 and March 31, 2022.
- 9. **Submit the completed MAR Checklist before the deadline.** From the student's CVCC email account, email a scanned or cell phone photo of the completed MAR Checklist to healthcare@cvcc.edu. The *entire* document must be legible and readable.