RADIOLOGIC TECHNOLOGY PROGRAM

COMMUNITY COLLEGE OF DENVER

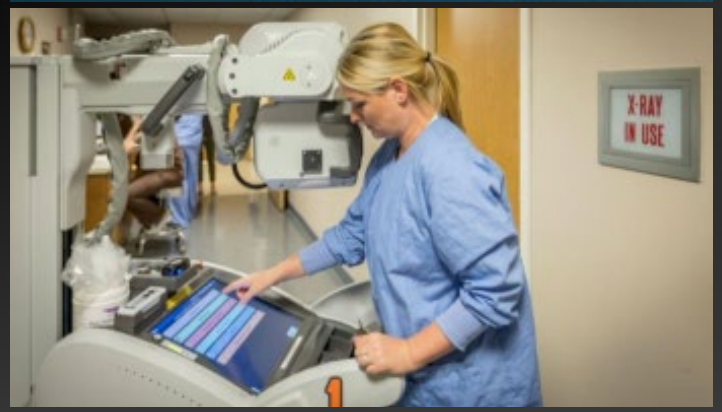
PROGRAM INFORMATION AND APPLICATION PROCESS

REVISED MARCH 2026

CCD RTE FACULTY AND STAFF

- Anne Earhart, M.Ed., R.T. (R)(ARRT)
  RTE Faculty, Program Director
  Anne.Earhart@ccd.edu
  303.365.8375
- Bridgett Arnold, R.T. (R)(ARRT)
  RTE Faculty, Clinical Coordinator
  Bridgett.Arnold@ccd.edu
- Teri Huggins, B.A., R.T. (R)(CT)(MR)(ARRT)
  RTE Faculty, Computed Tomography and Magnetic Resonance Program Coordinator, Clinical Coordinator
  Teri.Huggins@ccd.edu
  303.365.8341

RADIOLOGIC TECHNOLOGY



WHAT IS A RADIOLOGIC TECHNOLOGIST?

- A healthcare professional who uses specialized equipment to create diagnostic quality images that help doctors diagnose and treat diseases and injuries.
- Radiologic Technologists make up the 3rd largest group of health care professionals – surpassed in number by only physicians and nurses.

WHAT SKILLS ARE NECESSARY TO BE A SUCCESSFUL RADIOLOGIC TECHNOLOGIST?

- Excellent communication skills
- Thorough patient care skills
- Knowledge of human anatomy and physiology
- Basic physics
- Radiographic positioning
- Ability to work independently *and* as part of a team

EMPLOYMENT OPPORTUNITIES

- Technologists work in a wide variety of settings including:
  - Hospitals
  - Clinics
  - Surgery centers
  - Mobile units
  - Travel assignments
- Shifts that are available to technologists include days, nights, weekends, part time, and full time – lots of flexibility!

SALARY

- *From the American Society of Radiologic Technologists: ASRT*
  - National **median** annual salary for a full-time technologist as of 2024 was reported to be $69,859.
- *From the Bureau of Labor Statistics: U.S. Bureau of Labor Statistics*
  - Projected growth in Colorado is 7% through 2032, which is higher than average across all occupations.
  - The median salary for a full-time technologist ranges from $73,410 (as of May 2023) **This statistic includes information for CT technologists.*

CCD

WHY CCD?

- Longest running Radiologic Technology program in Colorado
- Joint Review Committee on Education in Radiologic Technology (JRCERT) accredited JRCERT since 1974
- High success rates
  - 99% job placement rates over the last five years
  - 92% ARRT exam first-attempt pass rate over the last five years
  - 99% program completion rate over the last five years
- Affordable community college tuition
  - In state tuition, with Colorado Opportunity Fund (COF) and including prerequisites, averages ~$18,000 for the entire 5-semester program CCD Tuition and Fees Chart

WHAT WE OFFER

- 2 working x-ray rooms – CR and DR systems
- C-arm and portable imaging equipment
- Skills lab equipped with hospital beds, stretchers, wheelchairs, and patient monitoring equipment
- Real bone, posable, full-size phantoms to practice positioning and imaging
- Anatomage table 3-D cadaver table
- Dedicated clinical instructors employed by CCD for clinical internship education and oversight

CLINICAL SITES

- AdventHealth
  - Avista
  - Castle Rock
  - Parker
  - Porter
- Children's Hospital of Colorado
  - Anschutz Campus
  - North Campus
  - South Campus
- CommonSpirit St. Anthony's Hospital
  - Main Campus
- Denver Health Medical Center
- HCA HealthOne
  - Aurora
  - Presbyterian/St. Luke's
  - Rose
  - Sky Ridge
- Health Images
  - Multiple locations
- Intermountain Health Good Samaritan
- Kaiser Permanente
  - Multiple locations
- National Jewish Hospital
- Panorama Orthopedics
  - Golden
  - Highlands Ranch
- UCHealth

PROGRAM OVERVIEW AND APPLICATION

CCD RTE MISSION STATEMENT

- The mission of the Radiologic Sciences Program at Community College of Denver is to provide the healthcare community with ethical, competent, and professional radiographers.
- This program is guided by four goals:
  1. **Clinical competence** in radiographic positioning and technical factor selection
  2. **Critical thinking** - problem solving
  3. **Communication** - both verbal and written
  4. **Professional behavior** - demonstrated through work habits, taking initiative, responding to constructive feedback, and supporting the needs of the department

PROGRAM OVERVIEW

- Rigorous program
  - 93-100% = A
  - 85-92% = B
  - 75-84% = C
  - 74% and below = Failing

- Full time program – 5 semester daytime program
  - Courses are held in person on the Lowry Campus *(Scheduled to move to Auraria Campus January of 2027)*
  - Clinical internships are completed at assigned clinical sites
  - Students are in class and/or clinical internship 4 days per week each semester
- NEW Fall 2026 – 6 semester part-time program program
  - Courses will be held in the evening on weekdays
  - Clinicals will be on one weekday and one weekend day each week, with a possible third day the last three semesters

COURSE OVERVIEW – FULL TIME PROGRAM

- First semester (classes Tu/Th, clinicals M/W):
  - Patient Care
  - Radiographic Procedures 1 w/lab
  - Imaging Equipment and Evaluation 1 w/lab
  - Clinical Internship 1
- Second semester (classes Tu/Th, clinicals M/W):
  - Pathology 1
  - Radiographic Procedures II w/lab
  - Imaging Equipment and Evaluation II w/lab
  - Clinical Internship II
- Third semester (clinicals M-Th):
  - Clinical Internship III
- Fourth semester (classes W, clinicals Tu, Th, F):
  - Radiation Biology and Protection
  - Radiographic Procedures III w/lab
  - Clinical Internship IV
- Fifth semester (classes W, clinicals Tu, Th, F):
  - Pathology II
  - Radiographic Capstone
  - Clinical Internship V

COURSE OVERVIEW – PART TIME PROGRAM

- First semester – Summer (classes M/Tu evenings)
  - Patient Care
  - Radiographic Procedures 1 w/lab
  - Imaging Equipment and Evaluation 1 w/lab
- Second semester - Fall (classes M/Tu evenings, clinical schedule varies):
  - Radiographic Procedures II w/lab
  - Imaging Equipment and Evaluation II w/lab
  - Clinical Internship I
- Third semester – Spring (classes M/Tu evenings, clinical schedule varies):
  - Radiation Biology and Protection
  - Radiographic Procedures III w/lab
  - Clinical Internship II
- Fourth semester – Summer (classes M or Tu evenings TBD, clinical schedule varies):
  - Radiographic Pathology I
  - Clinical Internship III
- Fifth semester – Fall (classes M or Tu evenings TBD, clinical schedule varies):
  - Radiographic Pathology II
  - Clinical Internship IV
- Sixth semester – Spring (classes M or Tu evenings, clinical schedule varies):
  - Radiographic Capstone
  - Clinical Internship V

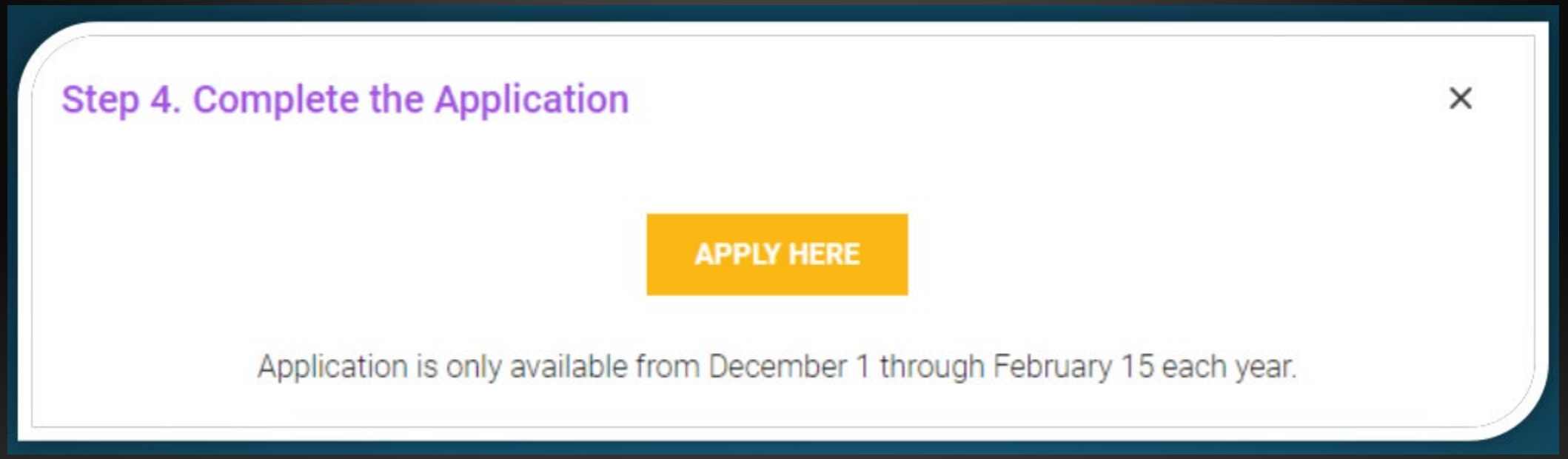
GENERAL PROGRAM REQUIREMENTS

- Applicants must be 18 years old at the time of program start
- Minimum 3.0 cumulative GPA for science courses (BIO 2101 and BIO 2102)
- Minimum 2.8 cumulative GPA overall for general prerequisite courses
- Prerequisites can be "in progress" during the application cycle, as long as they are completed by the end of Spring semester prior to program start

PREREQUISITES

- MAT 1240 Math for Liberal Arts *or* MAT 1340 College Algebra
  - *Must have been taken within 10 years of program start*
- ENG 1021 **or** ENG 1031
- PSY 1001, PSY 2440, **or** SOC 1001 **or** COM 1250
- BIO 2101 **and** BIO 2102
  - *Must have been taken within 7 years of program start*
  - *As of Summer 2024, CCCS has assigned the prerequisite of BIO 1010 or BIO 1111 to BIO 2101; please check with your institution*
- RTE 1001
  - *Can be taken after acceptance into the program*
    - *This option will end after 2025-2026 application cycle; this course must be completed no later than spring semester for participation in the part-time program.*
  - *Taking this course at CCD does NOT guarantee admission into the CCD RTE program*
- *HPR 1039 strongly recommended, but not required; will be a requirement in the future*

APPLYING TO THE PROGRAM



APPLICATION STEPS

- Enroll in CCD
- Send official transcripts to CCDs Office of Registration and Records
- Compile all documents necessary for program application **in PDF format**
  - Include unofficial transcripts in your application, even if the classes were taken at CCD
  - Resume and cover letter
  - Job shadowing
  - Essay
- Apply online at RTE Program Application
  - Applications are open from December 1st – February 15th each year

OFFICIAL AND UNOFFICIAL TRANSCRIPTS

- You must have **official** transcripts sent from any qualifying institution outside of CCD to the Office of Registration and Records when you apply to CCD
- Even if you took all your prerequisite courses through CCD, include **unofficial** transcripts in your application to the RTE program
  - **This does not replace the transfer of official transcripts to the college – you must do both*
- If you have prerequisite courses in progress, include a copy of your current course schedule that shows your classes as "in progress" in your application
- CCD will not translate international transcripts. If you have international transcripts, please visit NACES.org

RESUME AND COVER LETTER

- Resumes should include any job experience you have had in the last 7 years
- If you have been a full-time student and have not been employed, please include any extracurricular activities, volunteer organizations, or college related organizations with which you have been involved
- For resume tips, visit CCD Resume Help

JOB SHADOWING

- Job shadowing is an important experience that allows you to make sure this is the field for you!
- We ask for a minimum of 6 documented job shadow hours, but always encourage more - you can find the documentation form HERE

TIPS FOR JOB SHADOWING

- Ask someone you know who works in healthcare if they have a suggestion on who you can contact
- Contact Human Resources or the Volunteer Office at local hospitals and ask if they can help you arrange job shadowing
- If you have scheduled job shadowing, be on time, observe appropriately, and ask professional questions of the technologists
- Take the job shadow form with you to have signed for each job shadow shift you complete
- **Make copies of these forms for your records**

ESSAYS

- Essays have a word limit of 1000 words each and should be submitted as a PDF in APA-7 student paper format.
  - Essay prompt: **Reflecting on what you observed in your job shadowing experience, describe what aspects of the work performed by Radiologic Technologists attracted you to this profession and what personal skills or traits do you possess that make you a strong fit for a career in Radiologic Technology.**
  - For formatting information, please view this resource: APA Student Paper Formatting Information. Abstract or research portions are not necessary.

STRUCTURED LETTERS OF REFERENCE

- Reference letters are digital! Send this link: Online Reference to your requested references. They will be able to complete the reference form online and it will be submitted directly to the program.
  - There is space for the individual providing the reference to upload a letter of recommendation
- Two *professional* references are required
  - From employers, instructors, or other professionals
  - *These are NOT personal references*
- References are intended to be confidential and should not be sent to you directly. If someone would like to provide you with a letter of reference, please direct them to the link above.
- The references link will be available at the beginning of the fall semester, and references will not be accepted past the application deadline

WHAT TO EXPECT AFTER YOU APPLY

WHAT HAPPENS AFTER YOU APPLY

- We will review each application we receive – this program is **not** first come, first serve
- Each *complete* application will be entered into a grading rubric based on 100 possible points
- The first 65 points are calculated as follows:
  - GPA for perquisite courses = up to 20 points
  - Healthcare and/or customer service experience = up to 15 points
  - Structured reference letters = up to 10 points
  - Essay prompt response = up to 10 points
  - Job shadowing, minimum 6 hours = 5 points
  - RTE 1001 taken at CCD *with an A or B final grade* = 5 points

INTERVIEWS

- 50-60 of the top scoring candidates will be contacted to schedule an interview in early to mid March
- Interviews take place in late March or early April on Lowry Campus
- Primary interviews will be with 2 RTE program instructors and 1 current student
- Applicants will also have a brief follow-up interview with the director and clinical coordinator
- Interviews follow their own rubric and have a total of 35 possible points
- Points for interviews are added to the application points for a total of 100 possible points

TIPS FOR YOUR INTERVIEW

- Be on time
- Dress professionally
- Demonstrate communication skills through verbal *and* non-verbal communication
- Answer questions thoroughly
- Research the school and explain why CCD is the best program for you

AFTER THE INTERVIEWS

- Program invitations to approximately 35-38 candidates will be sent out mid to late April
  - A timely response is required to accept your spot in the program
- Up to 5 alternate spots will be offered to prospective students
  - We typically do accept some, if not all, of our alternates by the time the program starts
- Every applicant will receive an email regardless of whether they are invited to interview or into the program
  - General feedback is included in this email – if more personal feedback is requested, we are happy to supply more information

ONCE YOU'VE BEEN ACCEPTED

PROGRAM START

- The part-time program starts late May, and the full-time program starts in August of the same year as program acceptance
- Attend a mandatory orientation in late June (full-time program)
  - This is to get the clinical paperwork process started and initiate background checks and drug screening
- Pass a mandatory 10-year background check and drug screen
- *Note: Alternates are asked to go through the paperwork process also to ensure readiness to step into a spot in the program if one becomes available*

BACKGROUND CHECK AND DRUG SCREEN INFO

- Background checks and drug screening is not specifically required for CCD, however, all of our clinical affiliates require this process.
- THC will show up on the drug screen – while marijuana is legal in Colorado and some other states, it is not federally legalized. It **will** disqualify you from participation in this program.
- The ARRT has ethical standards and a list of offenses that may disqualify you from being eligible to take the national registry exam. The complete list of disqualifying offences can be found HERE.
  - The ARRT offers an ethics review process and can choose to dismiss some past legal situations. You can find more information of the ethics review HERE
- Background checks and drug screening are required and are at the student's expense.
  - The price for this process is approximately $80

DISQUALIFYING OFFENSES

- Any misdemeanor theft crimes in the 5 years immediately preceding the submittal of application.
- Crimes of violence (assault, sexual offenses, arson, kidnapping, any crime against an at-risk adult or juvenile, etc.) as defined in section 18-1.3-406 C.R.S. in the 7 years immediately preceding the submittal of application.
- Any offense involving unlawful sexual behavior in the 7 years immediately preceding the submittal of application.
- Any crime, the underlying basis of which has been found by the court on the record to include an act of domestic violence, as defined in section 18-6-800.3 C.R.S. in 7 years immediately preceding the submittal of application.
- Any crime of elder or child abuse as defined in section 18-6-401 C.R.S. in the 7 years immediately preceding the submittal of application.
- Any crime related to the sale, possession, distribution or transfer of narcotics or controlled substances in the 7 years immediately preceding the submittal of application.
- Any felony theft crimes in the 7 years immediately preceding the submittal of application.
- Any offense of sexual assault on a client by a psychotherapist, as defined in section 18-3-405.5 C.R.S. in the 7 years immediately preceding the submittal of application.
- Crimes of moral turpitude (prostitution, public lewdness/exposure, etc.) in the 7 years immediately preceding the submittal of application.
- More than one (1) D.U.I in the 7 years immediately preceding the submittal of application.
- Any felony homicide conviction (no time limit).
- Registered Sex Offenders (no time limit).
- Listed on the U.S. Treasury, Office of Foreign Assets Control (OFAC) or Specially Designated National (SDN).
- Listed on Health and Human Services/Office of Inspector General List of Excluded Individuals/Entities or the GSA List of Parties Excluded from Federal Programs.
- Any offense in another state, the elements of which are substantially similar to the elements of any of the above offenses.
- If the investigation reveals information that could be relevant to the application, the designated individual responsible for background checks may request additional information from the applicant. The offense shall be reviewed on a case-by-case basis.
- Students who have successfully completed the terms of a deferred adjudication agreement will not be disqualified.
- If any applicant feels the criminal background check is inaccurate, they may appeal the decision and request a review with the specific community college applied at. It is the applicant's burden to produce substantial evidence that proves the crimes charged are incorrect.

DEGREE AWARD AND CERTIFICATION

- You will graduate from this program with an Associate of Applied Sciences degree in Radiologic Technology
- Upon completion, you will be eligible to take the ARRT certification exam
  - 200 question professionally proctored exam
- Upon passing the ARRT certification exam, you will be a Registered Radiologic Technologist
- For more information, check out ARRT.org

POST PRIMARY CERTIFICATIONS

- Computed Tomography (CT)
  - Offered at CCD
- Magnetic Resonance (MR)
  - Offered at CCD
- Mammography
  - Offered at CCD
- Bone Densitometry
- Breast Sonography
- Vascular and Cardiac Interventional Radiography
- Nuclear Medicine
- Visit the ARRT for more credentialing options

REFERENCE WEBSITES

- ARRT.org – American Registry of Radiologic Technologists; certification organization
- ASRT.org – American Society of Radiologic Technologists; national professional organization
- JRCERT.org – Joint Review Committee for Education of Radiology Technology; educational accrediting body
- CCD.edu – College website; Academic Pathways – Health Sciences, Radiologic Technology