

Fayetteville Technical Community College

Radiography Program



Advisee Handbook
2026-2027

Welcome

On behalf of the faculty and staff of Fayetteville Technical Community College, we would like to take this opportunity to thank you for your interest in the Radiography Program. This program is designed to prepare you to become a Registered Radiographer. The course of study is a combination of both didactic and clinical education and is carefully planned with area clinical education sites (CES).

Upon completion of the 20-month program, you will receive an Associate Degree in Applied Science and meet the requirements to be eligible for the American Registry of Radiologic Technologists (ARRT) exam. To ensure that the program meets professional standards, the course of study is based on the American Society of Radiologic Technologists (ASRT) Radiography Curriculum. This program is fully accredited by the Joint Review Committee on Education in Radiologic Technology and is bound by the "Standards for an Accredited Educational Program in Radiologic Sciences".

The mission of the Radiography Program is to provide an allied health curriculum that is supportive in achieving individual student goals as well as professional patient-centered care within the community. To improve the educational base of radiologic science, the curriculum supports the development of professional ethics, communication, problem-solving and critical thinking skills.

We hope that you will find this handbook to be a tool of pertinent information that will guide you to a successful entry into the Radiography Program at Fayetteville Technical Community College. Please feel free to address any concerns you have with your Advisors and/or Counselors. Again, we thank you for your interest.

The Program Faculty

Advisors

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Jamie Sessoms, B.S., RT(R), Faculty
Health Technologies Center, 169D
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Counseling Services

Patricia Gorum, Health Programs Admission Coordinator
Health Technologies Center, 169-L
(910) 678-8457

Thomas Bracy, Academic Advisor
Health Technologies Center, 169-M
(910) 486-7444

The Admissions Coordinator initiates your health program process. Please contact Ms. Gorum to schedule an appointment.

College Services

Admissions

Tony Rand Student Center
(910) 678-8473

Bookstore

General Classroom Building
(910) 678-8342

Disability Support Services

Tony Rand Student Center
(910) 678-8479

Financial Aid

Tony Rand Student Center
(910) 678-8242

Radiography Program Mission

The mission of the Radiography Program is to provide an allied health curriculum that is supportive in achieving individual student goals as well as professional patient-centered care within the community. To improve the educational base of radiologic science, the curriculum supports the development of professional ethics, communication, problem-solving, and critical thinking skills.

Radiography Program Goals

- Students will be clinically competent.
- Students will communicate effectively.
- Students will demonstrate critical thinking skills.

Physical Demands and Standards

The physical demands a student must possess to participate in the classroom, lab and clinical sites include:

- Position and move patients or equipment. This includes bending, stooping, kneeling, reaching, and squatting while pushing and pulling loads more than 200 pounds while preventing injury to your patient and yourself.
- Lifting 50 pounds independently or excess of 200 pounds with assistance while preventing injury to your patient or yourself.
- Ability to be mobile for more than three to four-hour intervals while safely performing functional exams such as C-Arm exams or mobile exams.
- Carrying objects with both hands more than ten feet at least 10 or more pounds.
- Gross/fine motor coordination to execute movements required during classroom, lab or clinical activities, general care and emergency treatment for all patients which includes:
 - Palpation of the patient's body
 - Reaching and manipulating equipment in all required positions
 - Finger dexterity when using equipment
 - Maintain stable balance while performing exams on patients who have compromised balance.
 - Possess the endurance to perform a variety of exertional activities for up to 8 to 10 hours with occasional rest breaks.

- Possible exposure to infection from disease-bearing patients.
- Exposure to ionizing radiation (protective gloves and aprons will be worn during certain diagnostic procedures).

Students with any medical restrictions will not be allowed to attend clinic.

Communication Skills

A student must demonstrate the ability to:

1. Speak, hear, and observe others to elicit and perceive information.
2. Provide information to others (faculty, classmates, supervisors, patients, caregivers) by telephone, in written format, email and/or in person.
3. Communicate effectively in oral and written English formats with classmates, patients, family members and all members of the health care team, during both emergencies and non-emergency situations. Modify his/her communication style to meet diverse communicative needs.
4. Modify his/her communication style to meet diverse communicative needs.
5. Ensure confidentiality of all patient-related information in verbal or written formats.
6. Possess the ability to learn and abide by professional standards of practice.
7. Possess the ability to be prompt, arrive on time, and complete assignments on time.
8. Possess the ability to set priorities, be dependable, be organized and follow-through on responsibilities.
9. Self-direct one's own learning and be engaged in the classroom, lab and clinical environments.
10. Possess the ability to recognize/handle personal and professional frustrations, balance personal and professional obligations, work with others cooperatively, and respond appropriately to social cues.
11. Receive and send verbal communication in life-threatening situations promptly within the acceptable norms of clinical settings.

Curriculum Sequence

Length: 5 Semesters
 Prerequisites: 1 Unit Algebra, 1 Unit Biology, and Chemistry
 Award: Associate in Applied Science

FALL SEMESTER 1

| <i>Prefix No.</i> | <i>Title</i> | <i>Class</i> | <i>Lab</i> | <i>Clinical</i> | <i>Credit</i> |
|-------------------|--------------------------|--------------|------------|-----------------|---------------|
| ACA120 | Career Assessment | 1 | 0 | 0 | 1 |
| or | | | | | |
| ACA122 | College Transfer Success | 0 | 2 | 0 | 1 |
| BIO163 | Basic Anat & Physiology | 4 | 2 | 0 | 5 |
| ENG111 | Writing and Inquiry | 3 | 0 | 0 | 3 |
| RAD110 | RAD Intro & Patient Care | 2 | 3 | 0 | 3 |
| RAD111 | RAD Procedures I | 3 | 3 | 0 | 4 |
| RAD113 | RAD Lab Elective | 0 | 3 | 0 | 1 |
| RAD151 | RAD Clinical Ed I | 0 | 0 | 6 | 2 |
| Totals | | 12 | 11 | 6 | 19 |

SPRING SEMESTER 1

| <i>Prefix No.</i> | <i>Title</i> | <i>Class</i> | <i>Lab</i> | <i>Clinical</i> | <i>Credit</i> |
|-------------------|---------------------------|--------------|------------|-----------------|---------------|
| CIS110 | Introduction to Computers | 2 | 2 | 0 | 3 |
| or | | | | | |
| CIS113 | Computer Basics | 0 | 2 | 0 | 1 |
| COM120 | Intro Interpersonal Com | 3 | 0 | 0 | 3 |
| or | | | | | |
| COM231 | Public speaking | 3 | 0 | 0 | 3 |
| MAT143 | Quantitative Literacy | 2 | 2 | 0 | 3 |
| RAD112 | RAD Procedures II | 3 | 3 | 0 | 4 |
| RAD121 | Image Production I | 2 | 3 | 0 | 3 |
| RAD161 | RAD Clinical Ed II | 0 | 0 | 15 | 5 |
| Totals | | 10 | 10 | 15 | 19 |

SUMMER SEMESTER 1

| <i>Prefix No.</i> | <i>Title</i> | <i>Class</i> | <i>Lab</i> | <i>Clinical</i> | <i>Credit</i> |
|-------------------|-----------------------|--------------|------------|-----------------|---------------|
| RAD122 | Image Production II | 1 | 3 | 0 | 2 |
| RAD141 | Radiation Safety | 2 | 0 | 0 | 2 |
| RAD171 | RAD Clinical Ed III | 0 | 0 | 9 | 3 |
| RAD181 | RAD Clinical Elective | 0 | 0 | 3 | 1 |
| Totals | | 3 | 3 | 12 | 8 |

FALL SEMESTER 2

| <i>Prefix No.</i> | <i>Title</i> | <i>Class</i> | <i>Lab</i> | <i>Clinical</i> | <i>Credit</i> |
|-------------------|----------------------|--------------|------------|-----------------|---------------|
| PSY150 | General Psychology | 3 | 0 | 0 | 3 |
| RAD211 | RAD Procedures III | 2 | 3 | 0 | 3 |
| RAD231 | Image Production III | 1 | 3 | 0 | 2 |
| RAD251 | RAD Clinical Ed IV | 0 | 0 | 21 | 7 |
| Totals | | 6 | 6 | 21 | 15 |

SPRING SEMESTER 2

| <i>Prefix No.</i> | <i>Title</i> | <i>Class</i> | <i>Lab</i> | <i>Clinical</i> | <i>Credit</i> |
|-------------------|-------------------------------|--------------|------------|-----------------|---------------|
| <i>RAD261</i> | RAD Clinical Ed V | 0 | 0 | 21 | 7 |
| <i>RAD271</i> | Radiography Capstone | 2 | 3 | 0 | 3 |
| | Humanities/Fine Arts Elective | 3 | 0 | 0 | 3 |
| | Totals | 5 | 3 | 21 | 13 |

TOTAL REQUIRED CREDITS.... 74**Work Based Learning Option: N/A**

***Note:** Students **may not** take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.

Humanities/Fine Arts Pick List

UGETC – Universal General Education Transfer Core

| <i>Prefix</i> | <i>Title</i> | <i>Prerequisite</i> |
|---------------|------------------------|---------------------|
| ART 111 | Art Appreciation | none |
| ART 114 | Art History Survey I | none |
| ART 115 | Art History Survey II | none |
| COM 231 | Public Speaking | none |
| ENG 231 | American Literature I | ENG 112, 113 or 114 |
| ENG 232 | American Literature II | ENG 112, 113 or 114 |
| MUS 110 | Music Appreciation | none |
| MUS 112 | Introduction to Jazz | none |
| PHI 215 | Philosophical Issues | ENG 111 |
| PHI 240 | Introduction to Ethics | ENG 111 |

General Education Core Courses

| <i>Prefix</i> | <i>Title</i> | <i>Prerequisite</i> |
|---------------|----------------------------|----------------------|
| ART 116 | Survey of American Art | DRE 098 |
| ART 117 | Non-Western Art History | DRE 098 |
| COM 120 | Intro Interpersonal Com | none |
| DAN 110 | Dance Appreciation | none |
| DRA 111 | Theater Appreciation | none |
| DRA 112 | Literature of the Theater | none |
| DRA 115 | Theater Criticism | DRA 111 |
| DRA 126 | Storytelling | none |
| DRA 211 | Theater History I | none |
| DRA 212 | Theater History II | none |
| ENG 131 | Intro to Literature | ENG 111 |
| ENG 241 | British Literature I | ENG 112, 113, or 114 |
| ENG 251 | Western World Literature I | ENG 112, 113, or 114 |
| ENG 261 | World Literature I | ENG 112, 113, or 114 |
| HUM 110 | Technology and Society | DRE 098 |
| HUM 115 | Critical Thinking | DRE 098 |
| HUM 120 | Cultural Studies | DRE 098 |
| HUM 121 | The Nature of America | DRE 098 |
| HUM 122 | Southern Culture | DRE 098 |
| HUM 130 | Myth in Human Culture | DRE 098 |
| HUM 150 | American Women's Studies | DRE 098 |
| HUM 160 | Intro to Film | DRE 098 |
| HUM 211 | Humanities I | ENG 111 |
| MUS 113 | American Music | none |
| MUS 114 | Non-Western Music | none |

| <i>Prefix</i> | <i>Title</i> | <i>Prerequisite</i> |
|---------------|---------------------------|---------------------|
| MUS 210 | History of Rock Music | none |
| MUS 213 | Opera and Musical Theater | none |
| PHI 210 | History of Philosophy | ENG 111 |
| PHI 220 | Western Philosophy I | ENG 111 |
| PHI 230 | Intro to Logic | ENG 111 |
| REL 110 | World Religions | none |
| REL 112 | Western Religions | DRE 098 |
| REL 211 | Intro to Old Testament | DRE 098 |
| REL 212 | Intro to New Testament | DRE 098 |

NOTE: Students may not take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.

Registry Requirement

Every candidate for certification must, according to the American Registry of Radiologic Technologists (ARRT) governing documents, “be a person of good moral character and must not have engaged in conduct that is inconsistent with the *ARRT Rules of Ethics*,” and they must “agree to comply with the *ARRT Rules and Regulations* and the *ARRT Standards of Ethics*.” ARRT investigates all potential violations to determine eligibility.

Issues addressed by the Rules of Ethics include convictions, criminal procedures, or military court martials as described below:

- Felony;
- Misdemeanor;
- Criminal procedures resulting in a plea of guilty or nolo contendere (no contest), a verdict of guilty, withheld, or deferred adjudication, suspended or stay of sentence, or pre-trial diversion.

Juvenile convictions processed in juvenile court and minor traffic citations not involving drugs or alcohol do *not* need to be reported.

Additionally, candidates for certification are required to disclose whether they have ever had any license, registration, or certification subjected to discipline by a regulatory authority or certification board (other than ARRT), as well as any honor code violations that may have occurred while they attended school.

Candidates may complete a pre-application to determine their ethics eligibility prior to enrolling in or during their educational program.

For more information or further assistance, visit the ARRT website at <http://www.arrt.org>.

Criminal Background/Drug Screens

Criminal background checks and drug screenings are required for the Radiography Program. Students may be prohibited from clinical education at specific clinical affiliates based on background check and drug screen results. This could prevent a student from progressing in the program.

Radiography Program Costs

| RADIOGRAPHY | IN-STATE ESTIMATES | OUT OF STATE ESTIMATES |
|--|--|--|
| Tuition <ul style="list-style-type: none"> • Fall (1st) semester/ 1st year • Spring 2nd semester/ 1st year • Summer (3rd) semester/ 1st year • Fall (4th) semester/ 2nd year • Spring (5th) semester/ 2nd year | <ul style="list-style-type: none"> • \$978.00 • \$978.00 • \$674.00 • \$978.00 • \$826.00 | <ul style="list-style-type: none"> • \$3,314.00 • \$3,314.00 • \$2,242.00 • \$3,314.00 • \$2,778.00 |
| Books / Supplies | \$1,200.00 | \$1,200.00 |
| Student Uniforms/Supplies <ul style="list-style-type: none"> • 3 shirts • 3 pants • Lab coat • Name tags | \$300.00/year | \$300.00/year |
| Technology Fee | \$16.00 | \$16.00 |
| Student Support Service Fee | \$25.00 | \$25.00 |
| CAPS-parking/security fee | \$15.00 | \$15.00 |
| Rotation Manager-Background Check/ Drug Screen Immunization Checker | \$147.12/year | \$147.12/year |
| Rotation Manager renewal 3rd Semester/ 1st AND 2nd year | \$57.39/year | \$57.39/year |
| MyCE-Background check/Drug Screen/Immunization checker, Trajecsys (Student Tracking Software for Competency & Evaluation) | \$79.00/year | \$79.00/year |
| Malpractice Insurance | \$16.00/year | \$16.00/year |
| Graduation Fee | \$25.00 | \$25.00 |
| TOTAL ESTIMATED COST – (items subject to change) | \$6,314.51 | \$16,842.51 |

CPR Certification

Students are required to have the American Heart Association Basic Life Support for Healthcare Providers certification upon entrance to the program. It is the student's responsibility to maintain certification and supply documentation to the program's faculty throughout the two years before the card's expiration date. Students not maintaining current CPR certification will not be allowed in the clinical education component of the curriculum. The following agencies offer CPR on an on-going basis:

- FTCC Continuing Education (2 Year) – (910) 678-8432
- American Heart Association (2 year) – (910) 323-9387

Malpractice Insurance

Students are to obtain malpractice insurance available through the college. Refunds on malpractice insurance fees will be granted only if the student withdraws before the first day of class. No refunds will be given in any other circumstances. The date available and cost for malpractice insurance will be announced once the student is accepted into the Radiography Program.

Getting Started

Make an appointment with your advisor.

- Bring your Student Education Plan with you to your appointment for guidance on courses that need to be taken.
- Your advisor is your link to the latest information at FTCC.
- You may make an appointment with your advisor to register. If you have recently met with your advisor, you may wish to register for courses using Self-Service.
- Your advisor will help keep you on track for graduation and other important dates.
- Your advisor will help resolve academic-related problems or guide you in where to go for assistance.

Admission Requirements

Priority consideration for admission to health programs will be given to individuals completing the following:

- Submit an online “Application for Admissions” to the Admissions Office.
- Request official transcripts are sent to the Admissions Office from high school and **each college** previously attended. The applicant is responsible for ensuring the transcripts are received by the Admissions Office before the deadline.
- Complete all program prerequisites. *
- Complete the entrance assessment with the required minimum scores or achieve a grade of “C” or better in all recommended prerequisite courses. Prerequisite

science courses may be attempted only twice. ** Exceptions may be approved by the appropriate health program chairperson.

- Submit application for the Radiography Program via WebAdvisor by **January 30th**. Be sure to print a copy for your records.

Selection Criteria

Competitive Points for RAD Application

| PROGRAM RELATED COURSES – STAGE I | | POINTS EARNED |
|--|--|---------------|
| First Attempt BIO 163 or BIO 168 &169 (BIO 168 or 169 only) | A = 10 Points B = 7 Points (A=5 pts. ea.; B=3.5 pts. ea.) | |
| Second Attempt BIO 163 or BIO 168 & 169 (BIO 168 or 169 only) | A= 5 Points B = 3 Points (A=2.5 pts. ea.; B=1.5 pts. ea.) | |
| CIS 113 or CIS 110 | A = 4 Points B = 3 Points C = 2 Points | |
| COM 120 or COM 231 | A = 4 Points B = 3 Points C = 2 Points | |
| ENG 111 | A = 4 Points B = 3 Points C = 2 Points | |
| MAT 143 | A = 4 Points B = 3 Points C = 2 Points | |
| PSY 150 | A = 4 Points B = 3 Points C = 2 Points | |
| ADDITIONAL DEPARTMENTAL POINTS – STAGE II | | EARNED POINTS |
| Academic Sequencing/Academic Rigor | *Completion of every related course with a passing grade = 10 pts. | |
| Pre-Radiography Advisee info Session | *Completion of online /virtual pre-Radiography Advisee Session = 10 pts. *Does not complete the pre-Advisee session = 0 pts. | |
| TWO-DAY SKILLS BOOTCAMP – STAGE III – TOP 45 APPLICANTS | | EARNED POINTS |
| Radiography Test | Maximum of 20 points: *90-100 scored = 20 pts. *80-89 scored = 15 pts. *70-79 scored = 10 pts. *69 scored or less = 5 pts. | |
| Two-Day SKILLS Bootcamp | Up to 30 points will be earned based on the skills test *90-100% score = 30 pts. *80-89% score = 20 pts. *70-79% score = 10 *69% score or less = 0 pts. | |

No points will be awarded for science courses with 3 or more attempts.

*Science courses must be a “B” or higher and must be taken within the last five (5) years.

*Health Grade Point Average is calculated on related courses: BIO163 or BIO168 &169, CIS113 or 110, COM120 or 231, ENG111, MAT143 and PSY150

Total Possible Stage I Points: 30
Total Possible Stage II Points: 20
Total Combined Stage I & II Points: 50
Total Possible for Stage III: 50
Total Combined Possible for TOP 45: 100

NOTES for STAGE II and III

- 1) The Stage II competitive points will be awarded by the Department based on data in student academic records at the time Rating Forms are prepared.**
- 2) Department will invite the TOP 40 applicants after Stage II points are awarded, to a required In-person Skills Bootcamp (Stage III). Applicants may earn up to 52 more competitive points. Email invitations will be sent to FTCC Student Email.**

Course Planning

Use this form to track your courses and grades as you complete the program requirements.

Prerequisite Courses

| Course(s) | Requirement | Complete/Grade |
|---|-----------------------------------|----------------|
| ENG 025 | All courses needed or equivalent. | |
| MAT 025 | All courses needed or equivalent. | |
| High School Biology or BIO 092/94, 110, 111 | One course needed or equivalent. | |
| High School Chemistry or CHM 081, CHM 092, CHM 094, 131, 135, 151 | One course needed or equivalent. | |

Related Courses

| Course(s) | Requirement | Complete/Grade |
|-------------------------------|---|----------------|
| ACA Elective | One course needed. | |
| BIO 163 | One course needed. | |
| MAT 143 | One course needed. May substitute a high math course. | |
| ENG 111 | One course needed. | |
| COM 120 or COM 231 | One course needed. | |
| PSY 150 | One course needed. | |
| CIS 110, 111, or 113 | One course needed. | |
| Humanities/Fine Arts Elective | One course needed. | |

