

RADIOGRAPHY

Contact(s): Tiffany Barbee (<https://www.stanly.edu/college-information/directory/?id=1317>)

The Radiography curriculum prepares the graduate to be a radiographer, a skilled healthcare professional who uses radiation to produce images of the human body.

Coursework includes clinical rotations to area healthcare facilities, radiographic exposure, image processing, radiographic procedures, physics, pathology, patient care and management, radiation protection, quality assurance, anatomy and physiology, and radiobiology.

Graduates of accredited programs are eligible to apply to take the American Registry of Radiologic Technologists' national examination for certification and registration as medical radiographers. Graduates may be employed in hospitals, clinics, physicians' offices, medical laboratories, government agencies, and industry.

Learning Outcomes

Upon completion of this program, students will be able to:

- Accurately position patients for routine and non-routine exams.
- Comply with radiation safety principles.
- Evaluate radiographic images to determine diagnostic quality.
- Implement critical thinking skills during non-routine exams.
- Demonstrate the knowledge, skills, and abilities necessary for employment as a radiologic technologist.

Accreditation

Stanly Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate degrees. The Radiography Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

In 2018, the program was awarded accreditation by the JRCERT for a period of 8 years, and the program remains in good standing.

JRCERT standards for accreditation of radiography programs are located on the JRCERT website at <http://www.jrcert.org> (<http://www.jrcert.org>). If a student feels the Radiography Program at Stanly Community College is not in compliance with the standards set forth by the JRCERT, the student has the right to pursue allegations of non-compliance. The student should first report the allegations to the appropriate college personnel. If the allegations are not resolved, the student may follow the appropriate procedures for reporting non-compliance to the JRCERT. This procedure is located on the JRCERT website at <http://www.jrcert.org> (<http://www.jrcert.org>).

The Joint Review Committee on Education in Radiologic Technology

20 North Wacker Drive, Suite 2850

Chicago, Illinois 60606-3182

312-704-5300

mail@jrcert.org

Radiography – Associate in Applied Science – A45700

Gainful Employment Disclosure (<https://www.stanly.edu/ajax/gedt/EA45700.pdf>)

Course	Title	Credit Hours
First Year		
Fall		
BIO 163	Basic Anatomy & Physiology	5
MAT 143	Quantitative Literacy	3
RAD 110	Rad Intro & Patient Care	3
RAD 111	RAD Procedures I	4
RAD 151	RAD Clinical Ed I	2
Credit Hours		17
Spring		
CIS 110	Introduction to Computers	3
PSY 150	General Psychology	3
RAD 112	RAD Procedures II	4
RAD 121	Image Production I	3
RAD 161	RAD Clinical Ed II	5
Credit Hours		18
Summer		
RAD 122	Image Production II	2
RAD 171	RAD Clinical Ed III	3
RAD 141	Radiation Safety	2
Credit Hours		7
Second Year		
Fall		
ENG 111	Writing and Inquiry	3
RAD 211	Radiographic Procedures III	3
RAD 231	Image Production III	2
RAD 251	RAD Clinical Ed IV	7
Credit Hours		15
Spring		
ENG 112 or ENG 114	Writing and Research in the Disciplines or Professional Research & Reporting	3
RAD 261	Radiographic Clinical Education V	7
RAD 271	Radiography Capstone	3
Humanities Elective *		3
Credit Hours		16
Total Credit Hours		73

**Please see the Suggested Humanities and Social/Behavioral Science Elective List for AAS Majors webpage.*

Mission Statement & Goals (<https://www.stanly.edu/future-students/educational-offerings/radiography/mission-statement-goals/>)

Radiography Program Effectiveness (<https://www.stanly.edu/future-students/educational-offerings/radiography/program-effectiveness/>)

Radiography FAQ (<https://www.stanly.edu/future-students/educational-offerings/radiography/radiography-faq/>)

Health Sciences Student Handbook (https://www.stanly.edu/sites/default/files/pdf/health_sciences_student_handbook.pdf)

Radiography Student Handbook (https://www.stanly.edu/sites/default/files/pdf/2022/RAD_Student_Handbook_2022-2023.pdf)

JRCERT Accreditation Standards (https://www.stanly.edu/sites/default/files/pdf/jrcert_standards.pdf)

Readmission Policy (https://www.stanly.edu/sites/default/files/pdf/readmission_admission_advance_standing.pdf)

Continuing Education Opportunities:

Computed Tomography (CT) (<https://www.stanly.edu/future-students/continuing-education/health-occupations/computed-tomography-ct/>)

Magnetic Resonance (MRI) (<https://www.stanly.edu/future-students/continuing-education/health-occupations/magnetic-resonance-imaging-mri/>)

The Radiography AGE Pathway offers students a place to begin their journey toward a career in Radiography. The AGE pathway gives students the opportunity to complete all of the general education courses required in the Radiography program. After completion of these courses, students who choose to continue in to the degree program will be able to focus on Radiography specific courses.

For more information, please contact: Melanie Alexander (<https://www.stanly.edu/directory/?id=1449>)

AGE Pathway

Code	Title	Credit Hours
ACA 111	College Student Success	1
BIO 163	Basic Anatomy & Physiology	5
CIS 110	Introduction to Computers	3
ENG 111	Writing and Inquiry	3
ENG 112	Writing and Research in the Disciplines	3
or ENG 114	Professional Research & Reporting	
MAT 143	Quantitative Literacy	3
PSY 150	General Psychology	3
Humanities *		3
Elective *		40
Total Credit Hours		64

*Humanities list

Code	Title	Credit Hours
Choose 3 credits from the following:		
ART 111	Art Appreciation	3
ART 114	Art History Survey I	3
ART 115	Art History Survey II	3
DRA 111	Theatre Appreciation	3
ENG 125	Creative Writing I	3
HUM 120	Cultural Studies	3
HUM 122	Southern Culture	3
HUM 150	American Women's Studies	3
HUM 160	Introduction to Film	3

MUS 110	Music Appreciation	3
MUS 112	Introduction to Jazz	3
MUS 113	American Music	3
MUS 210	History of Rock Music	3
REL 110	World Religions	3
REL 211	Introduction to Old Testament	3
REL 212	Introduction to New Testament	3
REL 221	Religion in America	3

*Elective list

Code	Title	Credit Hours
Choose 40 credits from the following:		
ART 111	Art Appreciation	3
ART 114	Art History Survey I	3
ART 115	Art History Survey II	3
ART 116	Survey of American Art	3
ART 117	Non-Western Art History	3
BIO 110	Principles of Biology	4
BIO 111	General Biology I	4
BIO 112	General Biology II	4
BIO 140	Environmental Biology	3
BIO 140A	Environmental Biology Lab	1
BIO 163	Basic Anatomy & Physiology	5
BIO 165	Anatomy and Physiology I	4
BIO 166	Anatomy and Physiology II	4
BIO 275	Microbiology	4
BUS 110	Introduction to Business	3
BUS 115	Business Law I	3
BUS 137	Principles of Management	3
BUS 228	Business Statistics	3
CHM 131	Introduction to Chemistry	3
CHM 131A	Introduction to Chemistry Lab	1
CHM 132	Organic and Biochemistry	4
CHM 151	General Chemistry I	4
CHM 152	General Chemistry II	4
CIS 110	Introduction to Computers	3
CIS 115	Introduction to Programming and Logic	3
CJC 111	Introduction to Criminal Justice	3
CJC 121	Law Enforcement Operations	3
CJC 141	Corrections	3
COM 231	Public Speaking	3
CSC 134	C++ Programming	3
CSC 139	Visual BASIC Programming	3
CSC 151	JAVA Programming	3
CTS 115	Information Systems Business Concepts	3
ECO 251	Principles of Microeconomics	3
ECO 252	Principles of Macroeconomics	3
EDU 216	Foundations of Education	3
ENG 111	Writing and Inquiry	3
ENG 112	Writing and Research in the Disciplines	3
ENG 113	Literature-Based Research	3
ENG 114	Professional Research & Reporting	3

ENG 125	Creative Writing I	3	PSY 241	Developmental Psychology	3
ENG 231	American Literature I	3	PSY 263	Educational Psychology	3
ENG 232	American Literature II	3	PSY 281	Abnormal Psychology	3
ENG 233	Major American Writers	3	REL 110	World Religions	3
ENG 241	British Literature I	3	REL 111	Eastern Religions	3
ENG 242	British Literature II	3	REL 112	Western Religions	3
ENG 251	Western World Literature I	3	REL 211	Introduction to Old Testament	3
ENG 252	Western World Literature II	3	REL 212	Introduction to New Testament	3
ENG 253	The Bible As Literature	3	REL 221	Religion in America	3
HEA 110	Personal Health/Wellness	3	SOC 210	Introduction to Sociology	3
HIS 111	World Civilizations I	3	SOC 213	Sociology of the Family	3
HIS 112	World Civilizations II	3	SOC 232	Social Context of Aging	3
HIS 121	Western Civilization I	3	SPA 111	Elementary Spanish I	3
HIS 122	Western Civilization II	3	SPA 112	Elementary Spanish II	3
HIS 131	American History I	3	SPA 141	Culture and Civilization	3
HIS 132	American History II	3	SPA 161	Cultural Immersion	3
HIS 236	North Carolina History	3	SPA 181	Spanish Lab 1	1
HUM 110	Technology and Society	3	SPA 182	Spanish Lab 2	1
HUM 115	Critical Thinking	3	SPA 211	Intermediate Spanish I	3
HUM 120	Cultural Studies	3	SPA 212	Intermediate Spanish II	3
HUM 121	The Nature of America	3	SPA 281	Spanish Lab 3	1
HUM 122	Southern Culture	3	SPA 282	Spanish Lab 4	1
HUM 150	American Women's Studies	3			
HUM 160	Introduction to Film	3			
HUM 180	International Cultural Exploration	3			
MAT 143	Quantitative Literacy	3			
MAT 152	Statistical Methods I	4			
MAT 171	Precalculus Algebra	4			
MAT 172	Precalculus Trigonometry	4			
MAT 263	Brief Calculus	4			
MAT 271	Calculus I	4			
MAT 272	Calculus II	4			
MAT 273	Calculus III	4			
MUS 110	Music Appreciation	3			
MUS 112	Introduction to Jazz	3			
MUS 113	American Music	3			
MUS 210	History of Rock Music	3			
PED 111	Physical Fitness I	1			
PED 113	Aerobics I	1			
PED 120	Walking for Fitness	1			
PED 121	Walk, Jog, Run	1			
PED 125	Self-Defense: Beginning	1			
PHI 215	Philosophical Issues	3			
PHI 240	Introduction to Ethics	3			
PHY 110	Conceptual Physics	3			
PHY 110A	Conceptual Physics Lab	1			
PHY 151	College Physics I	4			
PHY 152	College Physics II	4			
POL 120	American Government	3			
POL 210	Comparative Government	3			
PSY 150	General Psychology	3			
PSY 237	Social Psychology	3			

Stanly Community College

RADIOGRAPHY – Associate in Applied Science

The Radiology curriculum prepares the graduate to be a radiographer, a skilled health care professional who uses radiation, to produce images of the human body. Course work includes clinical rotations to area health care facilities, radiographic exposure, image processing, radiographic procedures, physics, pathology, patient care and management, radiation protection, quality assurance, anatomy and physiology, and radiobiology. Graduates of this accredited program are eligible to apply to take the American Registry of Radiologic Technologists' national examination for certification and registration as medical radiographers. Graduates may be employed in hospitals, clinics, physicians' offices, medical laboratories, government agencies, and industry.

Admission Procedure

Applications are open from February 16th, 2022 through February 15th, 2023.

Applicants seeking admission into the Radiography program must complete steps 1 through 4 in entirety by

February 15, 2023 at 5:00 pm in order to be considered for acceptance for the Fall Semester 2023.

Print this admission procedure for your records to track completion of all steps. Refer to the frequently asked questions document found on the College website or contact **Success Coach/Advisor for Allied Health Students, Melanie Alexander at 704-991-0166 or malexander0134@stanly.edu.**

Step 1: Complete application. _____ (date completed)

- Submit a completed application electronically. Visit www.stanly.edu (<http://www.stanly.edu/>) and click the "New Students Start Here" link

at the bottom of the page. Follow the steps to the application. On the application, choose "Allied Health Applicants" for the enrollment term and "Radiography" for the program of study. Application submissions are free of charge.

- Although not required for admission consideration, it is strongly recommended that applicants complete general education courses prior to enrolling in the program. General education courses include ENG 111, 112 or 114, BIO 163, PSY 150, CIS 110, MAT 143 and a Humanities elective.

Step 2: Submit transcripts. _____ (date completed)

- Submit to the Admissions Office an official high school transcript and official post-secondary transcripts for all institutions attended. Applicants who obtained a GED/Adult High School diploma must submit an official GED/AHS transcript *and* a high school transcript even if he/she did not complete high school.
- After the Admissions Office has received and evaluated other college transcripts, applicants may view transfer credit awarded by clicking the My Documents tab in Self-Service. For questions related to transfer credits, call the records department at 704-991-0331.

Step 3: Complete one course of high school or an approved college level Biology, Algebra/Integrated Math I, and Chemistry with a grade of "C" or higher. _____ (date completed)

- Submit evidence of successful completion of one unit of biology, algebra/integrated math, and chemistry in high school with a grade of "C" or higher **or** the equivalent at a post-secondary institution (BIO 090 or higher, MAT 070/DMA 040/Tiers 1 and 2 or higher, CHEM 090 or higher). Applicants wishing to complete these credits at other colleges should contact the Admissions Office at Stanly Community College to ensure that the credits are acceptable.
- To determine if credit was awarded for these required courses, applicants may view the My Documents tab in Self-Service or contact his/her Success Coach/Advisor.

Step 4: Prove college readiness. _____ (date completed)

- Be eligible to enroll in ENG 111 and MAT 143 WITHOUT a co-requisite. SCC utilizes the RISE model (Reinforced Instruction for Student Excellence) when determining college readiness. The following links explain course placement and provide a complete list of eligible placement tests:
 - <https://www.stanly.edu/current-students/academic-planning/resources-course-placement> (<https://www.stanly.edu/current-students/academic-planning/resources-course-placement/>)
 - https://www.stanly.edu/sites/default/files/pdf/2018/placement_testing_guide.pdf.

For questions regarding eligibility to enroll in ENG 111 and MAT 143, the applicant should contact his/her Success Coach/Advisor.

****Requirements 1 through 4 must be completed no later than February 15, 2023, to be considered for acceptance into the RAD program fall entry 2023.***

Step 5: TEAS Testing _____ (date completed and score)

- Take the Test of Essential Academic Skills (TEAS) after successfully completing admission requirements one **and** four above. Only those applicants who successfully complete Steps 1 **and** 4 will be eligible to take the TEAS exam. Applicants eligible to take the TEAS exam will be notified through their SCC student email account by the Admissions Office. This email will include steps for signing up for

the exam. Students must use their SCC student email account for all communication regarding TEAS registration. Applicants may test as often as the exam is offered. There is a minimal fee for the exam, and test scores are valid for a period of two years. All eligible applicants must take the most current version of the TEAS exam at SCC; TEAS scores are not accepted from other colleges/universities.

- There is no required minimum score for the TEAS test. It is used strictly as a ranking tool for applicants. TEAS prep courses are periodically offered through SCC's continuing education division. Contact Rita Love at 704-991-0328 or rlove9827@stanly.edu for upcoming prep courses offerings.

Step 6: Maintain GPA (ongoing)

- For the applicant who has completed any college level courses taken with SCC prior to admission into the RAD program, a minimum cumulative GPA of 2.0 is required.

After conditional acceptance is granted by the admissions office, applicants must provide successful completion of the following:

- **SCC Student Medical Form:** The medical form will be mailed to applicants who are conditionally accepted to the RAD program and must be completed by a physician, physician's assistant, or a nurse practitioner by the date given on the conditionally accepted letter.
- Current certification in **CPR to include infant, child, adult, and AED or CPR for the Healthcare Provider that is endorsed by the American Heart Association.** Current CPR certification is required throughout the student's attendance in the RAD program.
- **ACA 111 College Student Success** prior to the fall semester of student's enrollment in the RAD program.

BACKGROUND CHECKS/DRUG SCREENINGS

Applicants accepted for admission to health services programs at Stanly Community College are required to complete a criminal background check and drug screening after notification of acceptance and prior to participation in on-site clinical training. Based on the results of the checks, hospitals or clinical affiliates where the student will participate in on-site training may deny access to their facility, resulting in the student's inability to complete the clinical portion of training. **Students unable to complete the clinical portion of his or her training will be unable to progress in the program.** Students are responsible for paying all costs associated with this requirement. Background checks and drug screenings will be conducted by a third party and coordinated by SCC's Radiography program.

SELECTION PROCESS

The Radiography program admits a maximum of 20 students each fall semester. Applicants seeking admission to the Radiography program will be ranked based on TEAS scores and admitted based on rank order. Those applicants not admitted will be assigned a number on an alternate list. Applicants accepted for admission must complete all admission requirements by the date specified in their acceptance letter. Applicants who fail to complete all admission requirements by the deadline specified in their acceptance letter are subject to be removed from the acceptance list and replaced by applicants on the alternate list.

ALTERNATE LIST

Applicants on the alternate list are ranked and are notified of their position. As vacancies arise on the acceptance list, applicants on the alternate list are contacted in rank order and offered acceptance to the

program. Applicants on the alternate list who are not offered acceptance to the Radiography program for the year in which they have applied to enter will NOT be carried over to an alternate list the following year. Instead, the alternate list on which their name appeared will be dissolved and each applicant must submit another application if they wish to be considered for admission in a subsequent year.

ADDITIONAL INFORMATION

Applicants to the Radiography program are advised to familiarize themselves with all admission requirements for this program of study. If an applicant has any questions regarding these requirements, he or she is encouraged to contact his/her Success Coach/Advisor.

Note: Admission requirements are subject to change. Visit <http://catalog.stanly.edu/curriculum-programs-study/radiography/#requirementstext> for a current list of requirements for your intended year of entry.