

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).

JRCERT standards for accreditation of radiography programs are located on the JRCERT website at <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>.

The Joint Review Committee on Education in Radiologic Technology

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Chicago, Illinois 60606-3182

312-704-5300

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Radiography – Associate in Applied Science – A45700

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	Writing and Research in the Disciplines	3
or ENG 114	or Professional Research & Reporting	
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.

Admissions Checklist (<https://www.stanly.edu/future-students/educational-offerings/radiography/checklist?cCat=69>)

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>)

Radiography Handbook (https://www.stanly.edu/sites/default/files/pdf/rad_handbook.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
ENG 231	American Literature I	3
ENG 232	American Literature II	3
ENG 233	Major American Writers	3
ENG 241	British Literature I	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			
PSY 241	Developmental Psychology	3			
PSY 263	Educational Psychology	3			
PSY 281	Abnormal Psychology	3			
REL 110	World Religions	3			
REL 111	Eastern Religions	3			