

Thank you for your interest in Austin Peay State University's Radiologic Technology Program (Radiography).

To be considered for the next class beginning in June, you will need to submit the following list of documents no later than **Feb. 28** of the year in which you plan to begin the program:

1. Application (attached)
2. Three letters of reference (attached)
3. Official copies of all college transcripts
4. Documentation of eight hours of clinical observation at a hospital imaging department
5. A letter stating why you want to become a radiographer
6. Confirmation you have reviewed the technical standard and worker characteristics form (attached)

If I can be of assistance please contact me at (931) 221-7791.

Sincerely,

Rex A. Ameigh

Rex A. Ameigh, MSLM, BSRT(R)
Director, Radiologic Technology Program

**AUSTIN PEAY STATE UNIVERSITY
 RADIOLOGIC TECHNOLOGY PROGRAM (RADIOGRAPHY)
 APPLICATION FOR ADMISSION**

DATE _____

NAME _____
LAST FIRST INITIAL

MAILING ADDRESS _____
STREET/BOX CITY COUNTY STATE ZIP

TELEPHONE/CELL _____

Provide the name of a relative or friend that can be notified in case of an emergency:

Name _____ Relationship _____

Address _____ Phone _____

Provide information below concerning college, university, or other schools attended:

Name of Institution	Address	Degree/Certificate obtained

Paper clip application fee of \$35.00, payable to APSU Radiologic Technology Program, to form. DO NOT STAPLE.

**Austin Peay State University
Radiologic Technology Program (Radiography)**

Reference Letter for the Radiography Program

This letter is sent in reference to _____ who has applied admission. This person gave your name as someone who could evaluate them in the following areas.

CHARACTERISTICS	SCORE					HIGH
	LOW	1	2	3	4	
1. Honesty	_____	_____	_____	_____	_____	DON'T KNOW
2. Ethical/moral conduct	_____	_____	_____	_____	_____	DON'T KNOW
3. Intelligence	_____	_____	_____	_____	_____	DON'T KNOW
4. Appearance	_____	_____	_____	_____	_____	DON'T KNOW
5. Dependability	_____	_____	_____	_____	_____	DON'T KNOW
6. Maturity	_____	_____	_____	_____	_____	DON'T KNOW
7. Judgment	_____	_____	_____	_____	_____	DON'T KNOW
8. Interpersonal relations	_____	_____	_____	_____	_____	DON'T KNOW

How long have you known the applicant? _____ Years.

In what relationship have you known the applicant (co-worker, minister, teacher, employer, counselor)? _____

What Agency/School to you represent? _____

Are you related to the applicant? No _____ Yes _____ If yes, How? _____

OVERALL, I WOULD/WOULD NOT RECOMMEND THE APPLICANT TO YOUR PROGRAM. (CIRCLE ONE)

NAME _____ TITLE _____
(Please print)

ADDRESS _____

Signature

Date

**Austin Peay State University
Radiologic Technology Program (Radiography)**

Reference Letter for the Radiography Program

This letter is sent in reference to _____ who has applied admission. This person gave your name as someone who could evaluate them in the following areas.

CHARACTERISTICS	SCORE					HIGH
	LOW	1	2	3	4	
1. Honesty	_____	_____	_____	_____	_____	DON'T KNOW
2. Ethical/moral conduct	_____	_____	_____	_____	_____	DON'T KNOW
3. Intelligence	_____	_____	_____	_____	_____	DON'T KNOW
4. Appearance	_____	_____	_____	_____	_____	DON'T KNOW
5. Dependability	_____	_____	_____	_____	_____	DON'T KNOW
6. Maturity	_____	_____	_____	_____	_____	DON'T KNOW
7. Judgment	_____	_____	_____	_____	_____	DON'T KNOW
8. Interpersonal relations	_____	_____	_____	_____	_____	DON'T KNOW

How long have you known the applicant? _____ Years.

In what relationship have you known the applicant (co-worker, minister, teacher, employer, counselor)? _____

What Agency/School to you represent? _____

Are you related to the applicant? No _____ Yes _____ If yes, How? _____

OVERALL, I WOULD/WOULD NOT RECOMMEND THE APPLICANT TO YOUR PROGRAM. (CIRCLE ONE)

NAME _____ TITLE _____
(Please print)

ADDRESS _____

Signature Date

**Austin Peay State University
Radiologic Technology Program (Radiography)**

Reference Letter for the Radiography Program

This letter is sent in reference to _____ who has applied admission. This person gave your name as someone who could evaluate them in the following areas.

CHARACTERISTICS	SCORE					HIGH
	LOW	1	2	3	4	
1. Honesty	_____	_____	_____	_____	_____	DON'T KNOW
2. Ethical/moral conduct	_____	_____	_____	_____	_____	DON'T KNOW
3. Intelligence	_____	_____	_____	_____	_____	DON'T KNOW
4. Appearance	_____	_____	_____	_____	_____	DON'T KNOW
5. Dependability	_____	_____	_____	_____	_____	DON'T KNOW
6. Maturity	_____	_____	_____	_____	_____	DON'T KNOW
7. Judgment	_____	_____	_____	_____	_____	DON'T KNOW
8. Interpersonal relations	_____	_____	_____	_____	_____	DON'T KNOW

How long have you known the applicant? _____ Years.

In what relationship have you known the applicant (co-worker, minister, teacher, employer, counselor)? _____

What Agency/School to you represent? _____

Are you related to the applicant? No _____ Yes _____ If yes, How? _____

OVERALL, I WOULD/WOULD NOT RECOMMEND THE APPLICANT TO YOUR PROGRAM. (CIRCLE ONE)

NAME _____ TITLE _____
(Please print)

ADDRESS _____

Signature Date

TECHNICAL STANDARDS /WORKER CHARACTERISTICS OF A RADIOGRAPHER

The following are essential characteristics for any Radiologic Technologist (Radiographer) as compiled from observations of a wide variety of job experiences.

1. VISUAL ACUITY:

- ◆ Distinguish whether beam is perpendicular, horizontal or angled through center of anatomical area being x-rayed to center of film.
- ◆ Perform necessary radiography procedures that involve placement of needles, catheters, etc. into proper anatomical structures of patient.
- ◆ Read protocol for radiography procedures in the department.
- ◆ Perform data entry tasks using digital and computer terminals.
- ◆ Near-visual acuity and depth perception to examine exposed film for pertinent detail, and to take patient vital signs using devices such as: thermometer, sphygmomanometer, etc.
- ◆ Must be able to read units on a syringe.
- ◆ Must be able to work in dimly lit areas such as darkrooms and fluoroscopic rooms.

2. HEARING ACUITY:

- ◆ Hearing must be sufficient to communicate with others.
- ◆ Distinguish phonetic sounds either mechanically transmitted or from conversation in order to perform film processing tasks and fluoroscopic procedures in light controlled areas.
- ◆ Hear and retain pertinent information to relay instructions.
- ◆ Hear and respond to patient questions and clinical history while processing a request.

3. SPEAKING ABILITY:

- ◆ Speak clearly and loudly enough to be understood by a person in the radiology department, in surgery or on the phone.
- ◆ Good communication skills are also necessary to maintain good interpersonal relationships with patients and peers.

4. DIGITAL DEXTERITY:

- ◆ Grasp and manipulate small objects required to perform job functions.
- ◆ Perceiving such attributes of objects/materials as size, shape, temperature, texture, movement or pulsation by receptors in the skin, particularly those of the finger tips.
- ◆ Operate a variety of x-ray equipment.
- ◆ Arms and hands or functional artificial limbs are essential to perform radiographic procedures and transfer patients.
- ◆ Legs and feet or functional artificial limbs are essential to maintain balance to accomplish required duties and transport patients.

5. PHYSICAL ABILITY:

- ◆ Walk or stand for about 80% of a normal workday.
- ◆ Maneuver through congested area(s) or unit(s) to perform positioning procedures and transport patients.
- ◆ Raise arm(s) while maintaining balance when positioning a patient, reaching over table, adjusting x-ray tube.
- ◆ Maneuver in stairways, hallways, control booths, and various inclines.
- ◆ Push/pull medical equipment and adjust x-ray tubes to standard focal film distance; transfer of patients to and from units.
- ◆ Weight must allow free movement within a small control booth, move quickly during patient emergencies; squeeze in small areas while performing portable radiographic procedures.

6. ADAPTIVE ABILITY:

- ◆ Complete tasks or job functions within deadlines.
- ◆ Complete required tasks/functions under stressful conditions.
- ◆ Track and complete multiple tasks at the same time.
- ◆ Perform independently with minimal supervision.
- ◆ Interact appropriately with diverse personalities.

Core Requirements
Radiologic Technology Program (Radiography)

<u>Category</u>	<u>Course Number</u>	<u>Title</u>	<u>Hours</u>
Communication	ENGL 1010*	English Composition I	3
	ENGL 1020*	English Composition II	3
	COMM 1010*	Fundamentals of Public Speaking	3
	ENGL 2030*	Traditions in World Literature	3
Humanities and/or Fine Arts Select two courses in two different disciplines.	ART 1030	Art Appreciation	3
	MUS 1030	Music Appreciation	3
	MUS 2030	World Music	3
	PHIL 1030	Introduction to Philosophy	3
	PHIL 2200	Religion and the World	3
	THEA 1030	Introduction to Theatre	3
Social/Behavioral Sciences Select two courses in two different disciplines.	ECON 2010	Principles of Macroeconomics	3
	GEOG 1010	Physical Geography	3
	GEOG 1020	Geography of the Developed World	3
	GEOG 1030	Geography of the Developing World	3
	HHP 1250	Wellness Concepts and Practices	3
	HIST 1210	World History I	3
	HIST 1220	World History II	3
	POLS 2010	American National Government	3
	POLS 2040	Introduction to Public Policy	3
	POLS 2070	International Politics	3
	PSYCH 1010	General Psychology	3
	SOC 2010	Introduction to Sociology	3
	SOC 2050	Social Problems	3
	SOC 2500	Cultural Anthropology	3
History Select two courses.	HIST 2010	American History I	3
	HIST 2020	American History II	3
	HIST 2030	History of Tennessee	3
Natural Sciences	BIOL 2010* & 2020*	Human Anatomy and Physiology	4 each
	CHEM 1110* & 1120*	General Chemistry Sequence	5 each
	PHYS 2010* & 2020*	College Physics Sequence	5 each
Mathematics	MATH 1730*	Precalculus	4

*Denotes required courses.

**RADIOLOGIC TECHNOLOGY PROGRAM (RADIOGRAPHY)
COURSEWORK**

Junior Year **Hours**

Summer Semester

RLTN 2050	Medical Terminology	1
RLTN 3080	Introduction to Clinical	2

Fall Semester

RLTN 3000	Introduction to Radiologic Technology	2
RLTN 3010	Patient Care and Interaction	3
RLTN 3030	Radiographic Procedures I w/lab	5
RLTN 3040	Radiographic Image Analysis	3
RLTN 3082	Clinical Education I	2

Spring Semester

RLTN 3020	Image Production and Evaluation I	3
RLTN 3032	Radiographic Procedures II w/lab	5
RLTN 3083	Clinical Education II	2
RLTN 3116	Radiobiology and Radiation Protection	3

Senior Year **Hours**

Summer Semester

RLTN 3115	Image Production and Evaluation II	2
RLTN 4032	Clinical Education III	2

Fall Semester

RLTN 4030	Radiographic Procedures III	3
RLTN 4116	Radiation Physics	4
RLTN 4084	Clinical Education IV	3
RLTN 4550	Pathology	3

Spring Semester

RLTN 3117	Quality Control in Radiographic Sciences	2
RLTN 4085	Clinical Education V	3
RLTN 4570	Management in Radiologic Sciences	2
RLTN 4580	Research in Radiologic Science	3
RLTN 4590	Registry Review	3