

## ASSOCIATE OF APPLIED SCIENCE DEGREE (172)

## Radiography

**Purpose:** This curriculum is designed to prepare selected students to perform the responsibilities of an entry-level radiographer. Upon completion of the curriculum, graduates are eligible to apply to take the National Registry examination leading to certification as a Registered Radiographer, RT-R.

**Program Objectives:** Graduates may apply for employment in hospitals, education, industry, clinics, government agencies, physician's offices, and emergency care centers.

**Developmental Requirements:** Students who do not place into college-level English on the placement test will be required to take developmental courses.

Students who do not demonstrate proficiency on the placement test in the following mathematical units will be required to complete developmental courses: MTE 1, 2, 3, 4, 5, 6, 7, 8 and 9.

**Admission Requirements:** Applicants must meet the requirements for admission to credit-level coursework established by the college.

The Radiography Program is a selective admissions program requiring an application to the college as well as a separate application to the program. For details about the Admission Requirements go to the radiography website under Curriculum Information: <http://www.virginiawestern.edu/academics/smh/health/radiography/index.php>.

**Essential Program Functions:** To successfully complete the clinical component of the program, the student must be able to perform certain tasks requiring specific physical abilities. The candidate must be able to perform all of the essential functions of a Radiographer, for details go to: <http://www.virginiawestern.edu/academics/smh/health/radiography/faq.php>.

**Clinical Environment:** The candidates should realize that student Radiographers may be, by nature of the profession, exposed to ionizing radiation, infectious diseases, and difficult patients.

**Admission Procedure:** The radiography program applicant is responsible for making certain that the following have been submitted in addition to a current college application by the February 15 deadline:

- Completed program application form
- Official high school transcript or copy of GED scores (if applicable)
- Official transcripts for all colleges attended (VWCC and other Virginia community college transcripts are not necessary)

All application materials must be submitted to the attention of the Health Careers Information Specialist prior to February 15. The Radiography application form and additional program information can be accessed from our web site at <http://www.virginiawestern.edu/academics/smh/health/radiography/index.php>. Application packets are also available in the Health Professions and college Admissions offices. Early application is encouraged for advising purposes. Once the above documentation has been evaluated, applicants are encouraged to contact the Health Careers Specialist for any additional questions and advising.

Qualified applicants will be contacted for an interview with the Program Director during the spring semester. Interviews are usually held in February and March. The admissions process also includes a hospital tour, interview with a radiography instructor, and a writing sample.

**Student Responsibilities:** All students admitted to the Radiography program must attend the Radiography Orientation, register for all classes, and pay tuition prior to the beginning of the semester.

- Final admission is contingent upon a satisfactory medical examination. Results must be returned to the Radiography Program Director 30 days before fall classes begin. The health history must include evidence of Rubella (German measles) screening and/or vaccine, Tuberculin skin test (or chest x-ray), Hepatitis B vaccine, and a routine CBC. A medical form is provided upon admission to the program.
- The student is responsible for the purchase of uniforms and transportation to and from agencies utilized for clinical experience.
- Acceptance into the program is contingent upon a satisfactory background check and negative drug screening test at the student's expense.
- Verification of current CPR certification will be required prior to the beginning of Radiography classes and must be kept current.

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## Radiography cont'd

- The student is responsible for paying a \$20 fee for a radiation dosimetry badge each semester.

**Retention Policies:** Successful completion of the program requires the student maintain a "C" or better grade in all Radiography courses, BIO elective and HLT 143. A complete statement of all of the above policies is outlined in the Radiography Handbook, which is available upon admissions into the program. Students must maintain a 2.0 or better GPA to remain in the program.

**Program Notes:** The program has been accredited by the authority of the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-2901; (312) 704-5300.

Support courses (non-RAD courses) may be taken prior to entry into the radiography program.

Although this program is not designed for transfer, articulation agreements with four-year institutions may be available. Contact the VWCC program head for details.

**CURRICULUM AND OTHER REQUIREMENTS**  
**GENERAL EDUCATION CORE COURSES**
**CREDITS**

ENG 111* .....	College Composition I .....	3
HLT/PED <sup>2</sup> .....	Health or Physical Education .....	1
SDV 100 .....	College Success Skills (or SDV 108) .....	1
E <sup>3</sup> .....	BIO Elective .....	4
E <sup>7</sup> .....	Humanities/Fine Arts Elective (List A) .....	3
E <sup>7</sup> .....	Social Science Elective (List A).....	3

**RADIOGRAPHY AND RELATED COURSES**

HLT 143 .....	Medical Terminology I .....	3
RAD 106 .....	Introduction to Radiologic Science .....	2
RAD 111-112 .....	Radiologic Science I-II .....	8
RAD 121 .....	Radiographic Procedures I .....	4
RAD 125 .....	Patient Care Procedures .....	3
RAD 131-132 .....	Elementary Clinical Procedures I-II .....	6
RAD 190* .....	Coordinated Internship .....	3
RAD 205 .....	Radiation Protection & Radiobiology .....	3
RAD 215 .....	Correlated Radiographic Theory .....	2
RAD 221* .....	Radiographic Procedures II .....	4
RAD 231-232 .....	Advanced Clinical Procedures I-II .....	10
RAD 240 .....	Radiographic Pathology .....	3
RAD 290* .....	Coordinated Internship .....	4
<b>Total Minimum Credits for Degree .....</b>		<b>70</b>

<sup>1</sup> Electives must be chosen from the specific list referenced in the curriculum requirements above. List A and List B electives can be found on the Approved List of Transfer courses.

<sup>2</sup> HLT 105 or CPR certification can be used to satisfy this requirement.

<sup>3</sup> Students should enroll in BIO 193: Human Anatomy & Physiology or have completed BIO 141-142 within five years prior to the date of admission into the program.

\* This course has a requisite. Requisites for all courses are listed in the course description section at the back of the catalog.

**REQUIRED SCHEDULE\*****FIRST YEAR**

FALL	SPRING	SUMMER
HLT 143	RAD 106	HLT/PED
RAD 121	RAD 125	RAD 190
RAD 131	RAD 132	RAD 205
SDV 100	RAD 221	
BIO Elective		

**SECOND YEAR**

FALL	SPRING	SUMMER
ENG 111	RAD 112	RAD 215
RAD 111	RAD 232	RAD 290
RAD 231	Humanities/Fine Arts	
RAD 240	Social Science	