

RADIOGRAPHY, A.A.S.

Location(s): MEC

NOVA Code: 1720

Purpose

The curriculum is designed to prepare students to produce diagnostic images of the human body through safe application of x-radiation. The radiographer is a central member of the healthcare team and assists the radiologist, a physician specialized in body image interpretation. Upon successful completion of degree requirements, the student will be eligible to take the American Registry of Radiologic Technology (ARRT) examination leading to certification as a Registered Technologist in Radiography: A.S., R.T.(R).

Transfer Information

Transfer is not the primary purpose of an A.A.S. program, but NOVA has articulation agreements that facilitate the transfer of this and other career-oriented programs to selected senior institutions. Students interested in transfer should contact a counselor or their academic advisor early in their program.

Special Program Requirements

The American Registry of Radiologic Technologists requires convictions or charges resulting in any of the following be reported: Plea of guilty, plea of nolo contendere, withheld or deferred adjudication, suspended or stay of sentence, or military court martial. Misdemeanor speeding violations must be reported if they are related to alcohol or drugs. For more information please visit the ARRT website (<https://www.arrt.org/pages/resources/ethics-information/>) or by calling ARRT at (651) 687-0048, ext. 8580.

All incomplete grades ("I") must be resolved prior to taking the next course in the sequence.

Admission Requirements

Applicants must do the following:

- Comply with all general admission requirements for Health Sciences Programs.
- Review competitive admission and application deadlines (<http://www.nvcc.edu/academics/programs/radiography.html>).
- Qualify for MTH 161 PreCalculus I or higher by completing a direct enrollment or self-placement advising survey (<https://www.nvcc.edu/admissions/direct-enrollment.html>).
- Have completed BIO 141 Human Anatomy And Physiology I and BIO 142 Human Anatomy and Physiology II with a grade of "B" or higher within 10 years of application. (Please note: BIO 141 Human Anatomy And Physiology I requires the completion of BIO 101 General Biology I, or NAS 2 Foundations of Life Sciences or a placement test as noted at the Nursing and Health Sciences Division (<http://www.nvcc.edu/academics/divisions/health-sciences/>)).
- Have completed ENG 111 College Composition I with a "B" or higher.
- Have completed SDV 100 College Success Skills or SDV 101 Orientation to: with a "B" or higher.
- Have completed RAD 105 Introduction to Radiology, Protection and Patient Care with a "B" or higher.

- Successfully complete and achieve satisfactory scores on the TEAS (<https://www.nvcc.edu/academics/divisions/health-sciences/teas-test.html>) (Test of Essential Academic Skills) test. Students may only take the test three times per year. The latest result must be within three years of application to the RAD Program.
- Have a minimum 2.5 cumulative GPA. For Health Science programs, GPA evaluation will prioritize a student's record at Northern Virginia Community College (NOVA). If no NOVA GPA is available, the GPA from the student's most recent institution will be considered.

Completion Requirements

All courses (including General Education courses) must be completed with a grade of "C" or better before taking the next course in the sequence and to satisfy graduation requirements (note: some prerequisite requirements may require a higher grade).

Two Years

Course	Title	Credits
Prerequisites		
BIO 141	Human Anatomy And Physiology I	4
BIO 142	Human Anatomy and Physiology II	4
ENG 111	College Composition I	3
RAD 105	Introduction to Radiology, Protection and Patient Care	2
SDV 101 or SDV 100	Orientation to: (Healthcare) or College Success Skills	1
Credits		14
1st Semester		
HLT 141	Introduction to Medical Terminology	1
RAD 121	Radiographic Procedures I	4
RAD 125	Patient Care Procedures	3
RAD 141	Principles of Radiographic Quality I	4
RAD 196	On-Site Training	2
Credits		14
2nd Semester		
RAD 131	Elementary Clinical Procedures I	3
RAD 142	Principles of Radiographic Quality II	4
RAD 221	Radiographic Procedures II	4
Social/Behavioral Sciences Elective (https://catalog.nvcc.edu/general-education-electives/#ge_soc_beh_sci_elec)		3
Credits		14
3rd Semester		
RAD 135	Elementary Clinical Procedures II ¹	5
Credits		5
4th Semester		
RAD 205	Radiation Protection And Radiobiology	3
RAD 231	Advanced Clinical Procedures I	5
RAD 246	Special Procedures	1
Credits		9
5th Semester		
Humanities/Fine Arts Elective (https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect)		3
RAD 255	Radiographic Equipment	3
RAD 232	Advanced Clinical Procedures II	5
RAD 240	Radiographic Pathology	3
Credits		14
Total Credits		70

¹ RAD 135 Elementary Clinical Procedures II meets for 40 hours a week for ten weeks.