

RADIOGRAPHY

Associate of Applied Science Degree

MEC

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 health care 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: Although transfer is not the primary purpose of an A.A.S. program, NVCC 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 faculty advisor early in their program.

Students must comply with all General Admission Requirements for Allied Health Programs. (See page 127.)

Additional Admission Requirements:

In addition to meeting the requirements to be admitted to NVCC and the Allied Health programs, you must meet specific requirements to be admitted to the Radiography A.A.S. Degree Program. These include:

1. Attendance at a Radiography Information Session.
2. Satisfactory scores on NVCC placement tests to qualify MTH 4.
3. Completion of NAS 150 or NAS 161 or BIO 141 with a grade of B or better. NAS 162 or BIO 142 must be completed by the end of the 1st year of RAD classes with a B or better.
4. Completion of ENG 111 or higher.
5. Completion of SDV 101 Orientation to Healthcare with a C or better.
6. Completion of RAD 100 with a B or better.
7. A clinical observation.
8. The American Registry of Radiologic Technology requires an applicant to be of good moral character. "Generally, the conviction of either (a) a felony or (b) any offense, misdemeanor or felony involving moral turpitude indicates a lack of good moral character for registry purposes. Those who have been convicted of a crime may be eligible for registration if they have served their entire sentence, including probation and parole, and have had their civil rights restored." For further information contact the assistant dean.

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

Prerequisites:

| | Credits |
|---|----------------|
| NAS 150 or NAS 161 or BIO 141 | 4 |
| ENG 111 College Composition I | 3 |
| SDV 101 Orientation to Healthcare | 1 |
| RAD 100 Intro to Radiology & Protection | <u>2</u> |
| Total | 10 |

Two Years

1st Semester

| | Credits |
|--|----------------|
| ¹ PED 116 Lifetime Fitness & Wellness | 1 |
| ¹ PED/RPK | 1 |
| RAD 121 Radiographic Procedures I | 4 |
| RAD 125 Patient Care Procedures | 3 |
| RAD 141 Principles of Radiation Quality I | 4 |
| RAD 196 On-Site Training | <u>2</u> |
| Total | 15 |

2nd Semester

| | | |
|----------------|---------------------------------------|-----------|
| RAD | 131 Elem. Clinical Procedures I | 3 |
| RAD | 142 Principles of Radiation Quality I | 4 |
| RAD | 221 Radiographic Procedures II | 4 |
| ² — | Social Science Elective | <u>3</u> |
| | Total | 14 |

3rd Semester

| | | |
|------------------|----------------------------------|----------|
| ³ RAD | 135 Elem. Clinical Procedures II | <u>5</u> |
| | Total | 5 |

4th Semester

| | | |
|-----|---|-----------|
| RAD | 205 Radiation Protection & Radiobiology | 3 |
| RAD | 231 Adv. Clinical Procedures I | 5 |
| RAD | 246 Special Procedures | 1 |
| RAD | 255 Radiographic Equipment | 3 |
| SPD | 229 Intercultural Communication | <u>3</u> |
| | Total | 15 |

5th Semester

| | | |
|-----|--|-----------|
| MDL | 195 Infusion Therapy | 1 |
| RAD | 215 Correlated Radiographic Theory | 1 |
| RAD | 232 Adv. Clinical Procedures II | 5 |
| RAD | 240 Radiographic Pathology | 3 |
| HIS | 101 History of Western Civilization I OR | |
| | HIS 111 History of World Civ. I OR | |
| | HIS 261 Topics in Cultural Ethnicity | <u>3</u> |
| | Total | 13 |

Total credits for the A.A.S. Degree in Radiography = 72 (includes 10 prerequisite credits).

¹ The PED requirement may be met by one of the following options: PED 116, 2 cr.; PED 220, 2 cr.; PED 116, 1 cr. plus a PED activities course, 1 cr.; or PED 116, 1 cr. plus RPK activities course. PED 116 is offered as both a 1-credit and a 2-credit course. PED 116, 2 cr., is strongly recommended.

² The social science electives may be selected from the economics, geography, history, political science, psychology, or sociology (includes anthropology) courses listed on page 54.

³ RAD 135 meets for 40 hours a week for ten weeks.