

## Attachment A

### VSCC/NGH A.A.S. Radiologic Technology Articulation

**\*\* VSCC calculates credit hours, NGH calculates didactic/clinical hours**

#### Radiologic Technology Major Core

The following are requirements for the AAS in Radiologic Technology at VSCC and the NGH equivalent courses which will be accepted for transfer toward the degree requirements. A grade of 80 or higher is required for all area of emphasis courses.

| VSCC Course                                    | Credit Hours | NGH Course                                    | Didactic Hours |
|--|--------------|---|----------------|
| AHC 115 - Medical Terminology                  | 3            | Medical Terminology                           | 12             |
| RADT 1200 - Introduction to Medical Imaging    | 2            | Introduction to Radiography and Patient Care  | 60             |
| RADT 2350 - Advanced Patient Care              | 3            |   |                |
| RADT 1330 - Radiographic Procedures I          | 3            | Radiographic Procedures (I, II)               | 240            |
| RADT 1340 - Radiographic Procedures II         | 3            |   |                |
| RADT 2330 - Radiographic Procedures III        | 3            | Radiographic Procedures (III, IV)             | 192            |
| RADT 1360 - Radiographic Practicum I           | 3            | Clinical Education (I, II, III, IV)           | 1,856          |
| RADT 1370 - Radiographic Practicum II          | 3            |   |                |
| RADT 2260 - Radiographic Practicum III         | 2            |   |                |
| RADT 2370 - Radiographic Practicum IV          | 3            |   |                |
| RADT 2380 - Radiographic Practicum V           | 3            |   |                |
| RADT 1385 - Radiographic Equipment Operation   | 3            | Imaging Equipment                             | 24             |
| RADT 1380 - Principles of Radiographic Physics | 3            | Radiation Physics                             | 48             |
| RADT 2310 - Radiographic Pathology             | 3            | Radiographic Pathology                        | 24             |
| RADT 1350 - Radiographic Digital Imaging       | 3            | Digital Imaging in Radiography                | 24             |
| RADT 1390 - Principles of Image Acquisition    | 3            | Radiographic Exposure and Image Evaluation    | 72             |
| RADT 1310 - Radiographic Image Critique        | 3            | Introduction to Quality Assurance and Control | 24             |
| RADT 1320 - Radiation Biology and Safety       | 3            | Radiation Protection and Radiobiology         | 48             |
| RADT 2385 - Radiographic Capstone              | 3            | General Review and Registry Review            | 108            |
| Total Area of Emphasis Credit Hours            | 55           | Total Area of Emphasis Didactic Hours         | 2,720          |

A VSCC major in Radiologic Technology requires a minimum of 75 credit hours of courses to include: ENGL 1010, BIOL 2010, BIOL 2020, MATH 1530, PSYC 1030, PHIL 1040, AHC 115, RADT

1200, RADT 1310, RADT 1320, RADT 1330, RADT 1340, RADT 1350, RADT 1360, RADT 1370, RADT 1380, RADT 1390, RADT 2260, RADT 2310, RADT 2330, RADT 2350, RADT 2370, RADT 2380, and RADT 2385. **Total: 75 credits**

The following are additional courses that must be completed at VSCC to earn an AAS in Radiologic Technology. A 2.0 GPA is required to graduate from VSCC and is solely based on VSCC college-level credits earned.

| Course Number  | Credit hours |
|--|--------------|
| ENGL 1010 - English Composition I  | 3            |
| BIOL 2010 - Human Anatomy and Physiology I                               | 4            |
| BIOL 2020 - Human Anatomy and Physiology II                              | 4            |
| MATH 1130 College Algebra or MATH 1530 Introductory Statistics or higher | 3            |
| Any Social/Behavioral Sciences Elective                                  | 3            |
| Any Humanities/Fine Arts Elective  | 3            |
| <b>Total Credits</b>   | <b>20</b>    |

Students successfully completing this program will have at least 75 credits.

Suggested scheduling of the VSCC courses based on prerequisites/co-requisites:

| Semester 1   | Semester 2   | Semester 3              |
|--|--|-------------------------|
| ENGL 1010 (3)  | MATH 1130 (3) or MATH 1530 (3)                     | BIOL 2020 (4)           |
| PSYC 1030 or any Social/Behavioral Sciences elective (3) | PHIL 1040 or any Humanities/Fine Arts elective (3) |                         |
|  | BIOL 2010 (4)                                      |                         |
| <b>Total: 6 credits</b>                                  | <b>Total: 10 credits</b>                           | <b>Total: 4 credits</b> |