

**Rowan College of South Jersey
Associate in Applied Science (A.A.S.) in
Radiography**

**Transfer Program Requirements
Suggested Four Semester Sequence of Courses**

This program combines courses in general education and radiography with supervised clinical experience in area hospitals and diagnostic imaging centers. Graduates are eligible to apply to take the American Registry of Radiologic Technologies Examination in Radiography and become nationally certified and also licensed by the State of New Jersey. The program is approved by the Joint Review Committee on Education in Radiologic Technology and the Department of Environmental Protection/Bureau of Radiation Protection for the State of New Jersey. Students who have completed the program will be able to:

- Locate, retrieve, and critically evaluate information and information sources.
- Be competent when performing radiographic procedures.
- Demonstrate effective communication.
- Demonstrate problem solving/critical thinking skills.
- Display professional development and growth.
- Graduates will be employable and meet the needs of the healthcare community.

| First Year, Fall Semester | | Credits |
|-----------------------------------|---|----------------|
| ___BI 106 | Anatomy & Physiology | 4 |
| ___EN 101 | English Composition I | 3 |
| ___RT 101 | Introduction to Radiography Science | 3 |
| ___RT 102 | Radiographic Procedures I | 3 |
| ___RT 103 | Clinical Practicum & Image Evaluation I | 2 |
| ___RT 104 | Radiographic Exposure I | 2 |
| | | 17 |
| Spring Semester | | |
| ___BI 107 | Anatomy & Physiology II | 4 |
| ___CS 101 OR | Introduction to Microcomputers OR | |
| ___ | Computer Science Elective | 3 |
| ___RT 106 | Radiographic Exposure II | 2 |
| ___RT 107 | Radiographic Procedures II | 3 |
| ___RT 110 | Clinical Practicum & Image Evaluation II | 2 |
| ___RT 121 | Radiation Protection & Biology | 3 |
| | | 17 |
| Summer Semester | | |
| ___RT 111 | Clinical Practicum & Image Evaluation III | 2 |
| ___RT 200 | Clinical Practicum & Image Evaluation IV | 2 |
| Second Year, Fall Semester | | |
| ___EN 102 OR | English Composition II OR | |
| ___EN 103 | Technical Writing | 3 |
| ___PY 101 | General Psychology | 3 |
| ___RT 201 | Radiographic Procedures III | 3 |
| ___RT 202 | Clinical Practicum & Image Evaluation V | 3 |
| ___RT 220 | Equipment Operation & Maintenance I | 2 |
| | General Education Humanities Elective | 3 |
| | | 17 |
| Spring Semester | | |
| ___RT 205 | Radiographic Procedures IV | 3 |
| ___RT 206 | Clinical Practicum & Image Evaluation VI | 3 |
| ___RT 221 | Equipment Operation & Maintenance II | 2 |
| ___SO 201 | Introduction to Sociology | 3 |
| ___ | General Education Mathematics Elective (excluding MA 109 & MA 115) | 3/4 |
| | | 14/15 |
| Total Minimum Credits: | | 69 |

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Required Core and Elective Courses

| <u>Communications</u> | | <u>Credits</u> |
|------------------------|---|----------------|
| EN 101 | English Composition I | 3 |
| EN 102 OR | English Composition II OR | |
| EN 103 | Technical Writing | 3 |
| | | |
| <u>Mathematics</u> | | |
| — | General Education Mathematics Elective (excluding MA 109 & MA 115) | 3/4 |
| | | |
| <u>Science</u> | | |
| BI 106 | Anatomy & Physiology I | 4 |
| BI 107 | Anatomy & Physiology II | 4 |
| | | |
| <u>Technology</u> | | |
| CS 101 OR | Introduction to Microcomputers OR | |
| — | Computer Science Elective | 3 |
| | | |
| <u>Social Science</u> | | |
| PY 101 | General Psychology | 3 |
| SO 201 | Introduction to Sociology | 3 |
| | | |
| <u>Humanities</u> | | |
| — | General Education Humanities Elective | 3 |
| | | |
| <u>Program Courses</u> | | |
| RT 101 | Introduction to Radiography Science | 3 |
| RT 102 | Radiographic Procedures I | 3 |
| RT 103 | Clinical Practicum & Image Evaluation I | 2 |
| RT 104 | Radiographic Exposure I | 2 |
| RT 106 | Radiographic Exposure II | 2 |
| RT 107 | Radiographic Procedures II | 3 |
| RT 110 | Clinical Practicum & Image Evaluation II | 2 |
| RT 111 | Clinical Practicum & Image Evaluation III | 2 |
| RT 121 | Radiation Protection & Biology | 3 |
| RT 200 | Clinical Practicum & Image Evaluation IV | 2 |
| RT 201 | Radiographic Procedures III | 3 |
| RT 202 | Clinical Practicum & Image Evaluation V | 3 |
| RT 205 | Radiographic Procedures IV | 3 |
| RT 206 | Clinical Practicum & Image Evaluation VI | 3 |
| RT 220 | Equipment Operation & Maintenance I | 2 |
| RT 221 | Equipment Operation & Maintenance II | 2 |
| | Total Minimum Credits | 69 |