

**Ferris State University**  
**College of Health Professions**  
**RADIOGRAPHY – Associate in Applied Science (AAS) Degree**

REQUIRED COURSES	COURSE TITLE (Pre-requisites)	CREDITS
<b>GENERAL EDUCATION REQUIREMENTS</b>		
<a href="http://www.ferris.edu/HTMLS/academics/gened/courses/GenEd-associate.pdf">http://www.ferris.edu/HTMLS/academics/gened/courses/GenEd-associate.pdf</a>		
<b>Communication Competence: 9 Credits Required</b>		
COMM 105 or 121 or 221	Communications Foundation Course (none): COMM 105 Interpersonal Communication or COMM 121 Fundamentals of Public Speaking or COMM 221 Small Group Decision Making	3
ENGL 150	English 1 (ENGL 074 or minimum ACT sub-score of 14 or 370 on SAT)	3
ENGL 250	English 2 (ENGL 150 grade of C- or better)	3
<b>Scientific Understanding: 3 Credits Required for Gen Ed; 4 Credits Required for Program</b>		
BIOL 109	Human Anatomy and Physiology (none)	4
<b>Quantitative Skills: 3 Credits or Proficiency Required (see link above)</b>		
MATH 115 or ACT Math sub-score of 24 or higher	Intermediate Algebra (MATH 110 with grade of C- or better, or 19 on ACT or 460 on SAT)	3
<b>Social Awareness: 3 Credits Required</b>		
Elective	Social Awareness Elective – Recommended Courses: PSYC 150 Intro to Psychology (none) or SOCY 121 Intro to Sociology (none)	3
<b>Cultural Enrichment: 3 Credits Required</b>		
Elective	Cultural Enrichment Elective – Recommended: PHIL 220 Health Care Ethics (none) or PHIL 320 Biomedical Ethics (ENGL 150)	3
<b>RADIOGRAPHY MAJOR REQUIREMENTS</b>		
<b>Core Curriculum for Health Professions: 5 Credits Required</b>		
COHP 100	Orientation to Medical Vocabulary (none)	1
COHP 101	The U.S. Health Care Systems (none)	3
COHP 102	Safety Issues in Health Care (none)	1
<b>Radiology Courses: 57 Credits Required</b>		
RADI 104	Radiographic Procedures 1 (Program Admission)	2
RADI 105	Radiographic Procedures 1 Lab (Program Admission)	1
RADI 106	Radiographic Procedures 2 (RADI 104, 105, 121, 141 & 142)	2
RADI 107	Radiographic Procedures 2 Lab (RADI 104, 105, 121, 141& 142)	1
RADI 108	Radiographic Imaging Procedures (RADI 106, 107, 122, 143 & 144)	2
RADI 109	Radiographic Imaging Procedures Lab (RADI 106, 107, 122, 143 & 144)	1
RADI 121	Radiographic Physics & Imaging Production (Program Admission)	3

<b>Radiography Courses, continued</b>		
RADI 122	Radiographic Protection & Biology (RADI 104,105, 121, 141 & 142)	3
RADI 141	Principles of Radiographic Imaging 1 (Program Admission)	2
RADI 142	Principles of Radiographic Imaging 1 Lab (Program Admission)	1
RADI 143	Principles of Radiographic Imaging 2 (RADI 104, 105, 121, 141 and 142)	2
RADI 144	Principles of Radiographic Imaging 2 Lab (RADI 104, 105, 121, 141 & 142)	1
RADI 170	Radiographic QA and Processing (RADI 106, 107, 122, 143 & 144)	1
RADI 171	Image Processing Lab (RADI 106, 107, 122, 143 and 144)	1
RADI 172	Digital Imaging (RADI 106, 107, 212, 143 and 144)	1
RADI 202	Radiographic Pathology (RADI 108, 109, 170, 171 and 172)	1
RADI 203	Advanced Concepts in Radiography 1 (RADI 108, 109, 170, 171 and 172)	1
RADI 204	Principles of Computed Tomography (RADI 202, 203, 211 & 291)	2
RADI 211	Pharmacology for Radiographers (RADI 108, 109, 170, 171 & 172)	1
RADI 212	Radiology Management (RADI 204, 213 and 292)	1
RADI 213	Advanced Concepts in Radiography 2 (RADI 202, 203, 211 & 291)	1
RADI 223	Advanced Concepts in Radiography 3 (RADI 204, 213 & 292)	1
RADI 291	Clinical Practicum 1 (RADI 108, 109, 170, 171 & 172)	9
RADI 292	Clinical Practicum 2 (RADI 202,203, 211 & 291)	9
RADI 293	Clinical Practicum 3 (RADI 204, 213 & 292)	6
RADI 299	Radiography Review (RADI 204, 213 & 292)	1
	<b>Total Program Credits</b>	<b>85</b>

### OTHER PROGRAM INFORMATION

**Program Grade Requirements:**

- A grade of "C" or higher is required for all Radiography program requirements (Except for ENGL 150 which requires a grade of C- or better).

**Program Progression Policy:**

- Any student that receives less than a "C" in one radiography course must stop the radiography program sequence. They may return to repeat the course the next time it is offered (**if a seat is available in the program**).
- A student receiving a grade of less than a "C" (including a "W") in any **two** radiography courses (or two unsuccessful attempts in the same RADI course) will be dismissed from the program.

**Other Program Information:**

- Any student with a conviction record is advised to contact the American Registry of Radiologic Technologist at 651-687-0048 or [www.arrt.org](http://www.arrt.org) in regards to his/her ability to take the registry upon completion of the program.
- Students may need to relocate for clinical internship during the second year of the program.
- Students may need to work weekends and afternoon shifts during the second year of internship. Internship is 40 hours a week for three semesters. Internship hours are unpaid.
- All general education requirements must be completed before internship. Any student not completing all general education requirements will not be allowed to enter internship.

**FSU Credit Policy:**

- Students must earn a minimum of 15 degree credits for the AAS degree from FSU.

**FSU Sunset Policy:**

- If a student returns to the university after an interrupted enrollment (not including summer semester), the requirements of the curriculum (including General Education) which are in force at the time of return must be met, not the requirements in effect at the time of original admission. In special circumstances, the academic department head/chair may permit the student to finish under the program requirements in force at the time of original admission to the program.

**Program Accreditation:**

- The Radiography programs at Ferris State University is fully accredited by The Joint Review Committee on Education in Radiologic Technology (JRCERT). JRCERT can be contacted as follows:  
JRCERT  
20 N. Wacker Drive, Suite 2850  
Chicago, IL 60606-3182  
Phone: (312) 704-5300

PROGRAM LEARNING OUTCOMES	ASSESSMENT METHODS
Graduates will communicate effectively and professionally in the medical environment.	<ul style="list-style-type: none"> <li>• Student Developed Improvement Plan for patient Care</li> <li>• Adjunct Clinical Instructor Performance Evaluation</li> </ul>
Graduates will demonstrate competencies in the essential skills of medical imaging and treatment.	<ul style="list-style-type: none"> <li>• Portfolio</li> <li>• Adjunct Clinical Instructor Performance Evaluation</li> </ul>
Graduates will demonstrate critical thinking, problem solving and life-long learning.	<ul style="list-style-type: none"> <li>• Portfolio</li> <li>• Alumni Survey</li> <li>• Employer Survey</li> </ul>
Graduates will demonstrate professional values and ethical behaviors in the workplace.	<ul style="list-style-type: none"> <li>• Adjunct Clinical Instructor Performance Evaluation</li> <li>• Alumni Survey</li> <li>• Employer Survey</li> </ul>
Graduates will function as a competent, entry-level professional to meet the healthcare needs.	<ul style="list-style-type: none"> <li>• Program Completion Rates</li> <li>• Student Exit Survey</li> <li>• American Registry of Radiologic Technologists (ARRT) Certification Exam Pass rates</li> <li>• Alumni Survey</li> <li>• Employer Survey</li> </ul>
The program will continue to meet the standards of JRCERT to maintain specialized accreditation.	<ul style="list-style-type: none"> <li>• Program Completion Rates</li> <li>• ARRT Certification Exam Pass rates</li> </ul>

Updated: 2015