



Medical Imaging Associate of Applied Science (A.A.S.) 2018–2019

DESCRIPTION:

Radiographers are highly skilled professionals qualified by education and clinical experience to perform imaging examinations and accompanying responsibilities at the request of a physician. A radiographer is a medical professional who sometimes applies doses of ionizing radiation to patients to create medical images of the human anatomy to aid radiologists and doctors in diagnosing and treating illness and injury. A radiographer is able to perform diagnostic imaging, fluoroscopy, trauma, surgical, and portable radiography. Specialized areas in the curriculum include: computed tomography, vascular and interventional radiography, cardiac catheterization, mobile radiography, mammography, bone densitometry, and magnetic resonance imaging. The Imaging Program is proudly JRCERT accredited. For more information, see MEDICAL IMAGING-Medical Imaging AAS

ADMISSION REQUIREMENTS:

Applicants must place into MATH 1148 and ENGL 1100 or have completed Math 1075. Placement out of reading requirement or completion of DEV 0145.

Placement Testing is not required if students have met one or more of the following: a student's ACT scores met minimum score ranges and are no more than 2 years old. Minimum ACT score ranges English 18 or higher, Math 10 or higher (**see Math note below), Reading 21 or higher Achievement of a minimum overall GPA of 2.5 on a 4-point scale through the most recently completed coursework. Applicants must attend a Medical Imaging Information Session. In addition, completion of the HESI A2 Exam is required for admission to Medical Imaging.

ONGOING REQUIREMENTS:

Before beginning clinical rotations, accepted students must have a completed health statement and successful criminal background check and drug screen. Students must maintain a 76% or higher in all technical courses and adhere to all expectations in the program handbook. In addition, students should verify summer term financial aid eligibility.

OPPORTUNITIES FOR GRADUATES:

Career:

After completion of the program, students may become credentialed and licensed to work in the field of Medical Imaging. Program completion makes a student eligible for credentialing by successfully challenging the credentialing exam administered by the American Registry of Radiologic Technologists. Once credentialed, the graduate may submit his A.R.R.T. Certification to the Ohio Department of Health for licensing as a Radiographer. These valuable professionals work in hospitals, clinics, medical laboratories, nursing homes, and in private practice.

Transfer:

The Medical Imaging A.A.S. degree may be transferred into a B.S. degree in Medical Imaging/Radiography or B.S. degree in Healthcare Management, among others.

DEGREE REQUIREMENTS (MEDICAL IMAGING A.A.S.):

FIRST SEMESTER Courses	Term	Credits	Milestones
IMAG 1111 Intro to Radiologic Technology	AU	1	
IMAG 1141 Radiographic Procedures I	AU	3	
IMAG 1901 RAD Field Experience/Internship I	AU	1	• Students should be prepared to spend 8 hours per day/2 days per week for 10 weeks in clinical rotation, for a total of 160 hours clinical experience.
MATH 1148 College Algebra	AU/SP/SU	4	
BIO 2300 Human Anatomy	AU/SP/SU	4	
COLS 1100 First Year Experience Seminar	AU/SP/SU	1	
Semester Credits		14	

SECOND SEMESTER Courses	Term	Credits	Milestones/Progress Check
IMAG 1113 Radiologic Science	SP	2	
IMAG 1142 Radiographic Procedures II	SP	3	
IMAG 1902 RAD Field Experience/Internship II	SP	1	• Students should be prepared to spend 8 hours per day/2 days
BIO 2301 Human Physiology	AU/SP/SU	4	• Chem 0100 might be a prerequisite
Semester Credits		10	

THIRD SEMESTER Courses	Term	Credits	Milestones/Progress Check
IMAG 1118 Radiographic Exposure & Processing	SU	2	
IMAG 1143 Radiographic Special Procedures	SU	3	
IMAG 1903 RAD Field Experience/Internship III	SU	1	• Students should be prepared to spend 8 hours per day/3 days per week in clinical rotation, for a total of 384 hours clinical experience.
CSCI 1101 Computer Concepts & Apps	AU/SP/SU	3	
MULT 1110 Medical Terminology	AU/SP/SU	2	
COMM 1105 Oral Communication	AU/SP/SU	3	
Semester Credits		14	

FOURTH SEMESTER Courses	Term	Credits	Milestones/Progress Check
IMAG 2222 Radiographic Digital Imaging	AU	2	
IMAG 2804 Medical Imaging Seminar I	SP	1	
IMAG 2904 IMAG Field Experience/Internship IV	AU	3	• Students should be prepared to spend 8 hours per day/3 days per week in clinical rotation, for a total of 384 hours clinical experience.
IMAG 2212 Radiographic Sectional Anatomy	AU	2	
ENGL 1100 Composition I	AU/SP/SU	3	
SBS Elective (select from approved GE-SBS list)	AU/SP/SU	3	• Transfer considerations recommended
Semester Credits		14	

FIFTH SEMESTER Courses	Term	Credits	Milestones/Progress Check
IMAG 2126 Radiographic Biology & Protection	AU/SP/SU	2	
IMAG 2905 IMAG Field Experience/Internship V	AU/SP/SU	3	
IMAG 2800 Radiography/Medical Imaging Seminar	AU/SP/SU	1	
IMAG 2620 Radiographic Pathology	AU/SU	2	
HUM elective (select from approved GE-HUM list, 3 credit hours each)	AU/SP/SU	2	
HUM Elective (select from approved GE-HUM list)	AU/SP/SU	3	• Transfer considerations recommended
Semester Credits 13 / Total		65	