

Datatel Program Code	RAD.AAS
COTC Major Number	005010
CIP Code	50.0911

PRE-ADMISSION COURSE REQUIREMENTS FOR RAD.AAS program

The Associate of Applied Science degree program in Medical Imaging in Radiologic Science is a selection-based program, meaning a student must APPLY to the program and then be SELECTED into the program before being able to meet graduation requirements. The following COTC courses (or their equivalents) must be completed prior to being admitted into the Medical Imaging in Radiologic Sciences Technology program.

All courses must be completed with a grade of C (2.00) or better.

Course Name	Course Title	Course Credit Hours	Weekly Contact Hours	Tech, Non-Tech or Elective	Semester(s) Course Offered	SEM Course Approved As A TAG, C-TAG or OTM	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
IDS-100	Campus Connections	1.00	2.00	NT	SM,AU,SP		None	----
BIO-110	Medical Terminology	2.00	2.00	T	SM,AU,SP		BIO-1760	2.00
* MATH-140	College Algebra	3.00	3.00	NT	SM,AU,SP		MTH-1215	5.00

The student who successfully completes the courses listed below on this Plan of Study with a C grade (2.00) or better in each course will earn an Associate of Applied Science Degree in Medical Imaging in Radiologic Science Technology and will be eligible to apply for the national credentialing and state licensing examinations.

A grade of C (2.00) or better is required for all Medical Imaging, Anatomy and Physiology, and Cross Sectional Anatomy, courses in order to continue in and graduate from the Medical Imaging in Radiologic Science Technology program.

Policies of the Medical Imaging in Radiologic Science Technology program which are unique in regard to admission, re-admission, grading and promotion are available in the Student Handbook for the Medical Imaging program, available on the program website.

KEY: * Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page

NT - Indicates this course fulfills a Non-Technical Course Requirement on this Plan of Study

NT Elec - Indicates Elective Choice in the Non-Technical course requirement category

T - Indicates this course fulfills a Technical Course Requirement on this Plan of Study

T Elec - Indicates Elective Choice in the Technical course requirement category

TAG, C-TAG, OTM - Designation in this column indicates this course has been approved by the Ohio Board of Regents as a Transfer Assurance Guide (TAG), Career Technical Assurance Guide (C-TAG), or Ohio Transfer Module (OTM) course. Please follow this link on the COTC web site for more information: <http://www.cotc.edu/current-students/tags-transfer-module/Pages/index.aspx>

Course Name	Course Title	Course Credit Hours	Weekly Contact Hours	Tech, Non-Tech or Elective	Semester(s) Course Offered	SEM Course Approved As A TAG, C-TAG or OTM	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
QUARTER 1 (SM12 ONLY)								
* BIO-130	Anatomy & Physiology I	4.00	5.00	NT	SM,AU,SP	----	BIO-1772	6.00
* RAD-4104	Imaging Procedures I	3.00	4.00	T	SM	----	RAD-4102 & RAD-4103; MEDIMG-101	5.00 & 4.00; 3.00
* RAD-4105	Radiation Physics I	1.50	1.50	T	SM	----	RAD-4157 & RAD-4158; MEDIMG-130	2.00 & 2.00; 1.50
* RAD-4106	Orientation to the Clinical Environment first term only	0.50	1.50	T	SM	----	RAD-4130; MEDIMG-184	1.00; 0.50
* RAD-4107	Clinical Education in Radiology I second term only	1.00	7.00	T	SM	----	RAD-4146; MEDIMG-185	2.00; 1.00
* RAD-4108	Patient Care & Management I first term only	0.50	1.00	T	SM	----	RAD-4109; MEDIMG-164	1.00; 0.50
* SOC-110	Cultural Diversity	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1379	3.00
TOTAL CREDIT & CONTACT HOURS		13.50	23.00					

The College Reserves the Right to Change Curricula Without Notice.

2012-2013 Academic Year

Plan of Study for the Associate of Applied Science Degree in

Radiologic Science Technology

Datatel Program Code	RAD.AAS
COTC Major Number	005010
CIP Code	50.0911

Course Name	Course Title	Course Credit Hours	Weekly Contact Hours	Tech, Non-Tech or Elective	Semester(s) Course Offered	SEM Course Approved As A TAG, C-TAG or OTM	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
SEMESTER 2								
* BIO-131	Anatomy & Physiology II	4.00	5.00	NT	SM,AU,SP	----	BIO-1773	6.00
* ENGL-110	Composition I	3.00	3.00	NT	SM,AU,SP	OTM	COM-1535	4.00
* MEDIMG-102	Imaging Procedures II	3.00	5.00	T	AU	----	RAD-4102	5.00
* MEDIMG-131	Radiation Physics II	1.50	1.50	T	AU	----	RAD-4158	2.00
* MEDIMG-165	Patient Care & Management II	1.00	2.00	T	AU	----	RAD-4109 & RAD-4165	1.00 & 1.00
* MEDIMG-186	Clinical Education in Radiology II	2.00	16.00	T	AU	----	RAD-4146 & RAD-4150	2.00 & 3.00
TOTAL CREDIT & CONTACT HOURS		14.50	32.50					
SEMESTER 3								
* MEDIMG-132	Radiobiology & Radiation Protection	2.00	3.00	T	SP	----	RAD-4139	3.00
* MEDIMG-133	Image Acquisition	4.00	5.00	T	SP	----	RAD-4184 & RAD-4187	4.00 & 4.00
* MEDIMG-166	Patient Care and Management III	1.00	1.00	T	SP	----	RAD-4165 & RAD-4166	1.00 & 1.00
* MEDIMG-187	Clinical Education in Radiology III	2.00	16.00	T	SP	----	RAD-4150 & RAD-4178	3.00 & 3.00
SPCH-210	Small Group Communications	3.00	3.00	NT	SM,AU,SP	TAG	COM-1523	3.00
TOTAL CREDIT & CONTACT HOURS		12.00	28.00					
SEMESTER 4								
* ENGL-111	Composition II	3.00	3.00	NT	SM,AU,SP	OTM	COM-1536	4.00
* MEDIMG-154	Medical Imaging Seminar I	1.00	1.00	T	SM	----	RAD-4154	2.00
* MEDIMG-285	Clinical Education in Radiology IV	4.00	32.00	T	SM	----	RAD-4159	4.00
* MEDIMG-290	Specialty Disciplines in Radiology	0.50	0.50	T	SM	----	RAD-4188	1.00
TOTAL CREDIT & CONTACT HOURS		8.50	36.50					
SEMESTER 5								
* DMS-110	Cross Sectional Anatomy	2.00	3.00	NT	AU	----	DMS-4511	3.00
* MEDIMG-210	Radiologic Pathology I	1.50	1.50	T	AU	----	RAD-4160	4.00
* MEDIMG-233	Quality Assurance and Image Production	3.00	5.00	T	AU	----	RAD-4187 ; MEDIMG-259 BRIDGE CRS	4.00; 2.00
* MEDIMG-267	Patient Care and Management IV	1.00	2.00	T	AU	----	RAD-4167 & RAD-4168	1.00 & 1.00
* MEDIMG-286	Clinical Education in Radiology V	2.00	16.00	T	AU	----	RAD-4148 & RAD-4179	2.00 & 3.00
* PSYCH-100	General Psychology	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1376	5.00
TOTAL CREDIT & CONTACT HOURS		12.50	30.50					
SEMESTER 6								
* MEDIMG-211	Radiologic Pathology II	1.50	1.50	T	SP	----	RAD-4160	4.00
* MEDIMG-226	Departmental Administration	1.50	1.50	NT	SP	----	RAD-4126	2.00
* MEDIMG-246	Current Issues & Ethics in Medical Imaging	1.50	1.50	NT	SP	----	RAD-4046	2.00
* MEDIMG-254	Medical Imaging Seminar II	1.50	1.50	T	SP	----	RAD-4155	2.00
* MEDIMG-287	Clinical Education in Special Disciplines	2.00	16.00	T	SP	----	RAD-4177	2.00
	Technical Elective	3.00	3.00	T	See Choices Below			
TOTAL CREDIT & CONTACT HOURS		11.00	25.00					

Total Semester Credit Hours Required for Completion of Degree	72.00
<i>Non-Technical Required Semester Credit Hours</i>	28.00
<i>Technical Required Semester Credit Hours</i>	44.00

Technical Electives								
Total of 3.00 Semester Credit Hours Required to Complete this Degree								
* MEDIMG-297	Interventional & Surgical Radiology	3.00	3.00	T	SP	----	RAD-4193	5.00
* MEDIMG-298	CT Instrumentation	3.00	3.00	T	SP	----	RAD-4194	5.00
* MEDIMG-299	MR Instrumentation	3.00	3.00	T	SP	----	RAD-4195	5.00
* MEDIMG-197-199	Special Topics in Medical Imaging in Radiologic Science	0.50-3.00	0.50-3.00	T Elec	SP	----	None	----
* MEDIMG-297-299	Special Topics in Medical Imaging in Radiologic Science	0.50-3.00	0.50-3.00	T Elec	SP	----	None	----