

<b>Datatel Program Code</b>	<b>RAD.AAS</b>
<b>COTC Major Number</b>	<b>005010</b>
<b>CIP Code</b>	<b>50.0911</b>

**PRE-ADMISSION COURSE REQUIREMENTS FOR RAD.AAS program**

The Associate of Applied Science degree program in Radiologic Science Technology 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 Radiologic Science Technology program.

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

Course Name	Course Title	Course	Weekly	Tech,	Semester(s)	SEM Course	Equivalent	Equivalent
		Credit Hours	Contact Hours	Non-Tech or Elective	Course Offered	Approved As A TAG, C-TAG or OTM	Quarter Course	Quarter Cr Hrs
* MATH-140	College Algebra	3.00	3.00	NT	SM,AU,SP	OTM	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 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 Radiologic, Anatomy and Physiology, and Cross Sectional Anatomy, courses in order to continue in and graduate from the Radiologic Science Technology program.

Policies of the Radiologic Science Technology program which are unique in regard to admission, re-admission, grading and promotion are available in the Student Handbook for the Radiologic Science 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 link information: <http://www.cotc.edu/current-students/tags-transfer-module/Pages/index.aspx>

Course Name	Course Title	Course	Weekly	Tech,	Semester(s)	SEM Course	Equivalent	Equivalent
		Credit Hours	Contact Hours	Non-Tech or Elective	Course Offered	Approved As A TAG, C-TAG or OTM	Quarter Course	Quarter Cr Hrs
<b>SEMESTER 1 (Autumn)</b>								
BIO-110	Medical Terminology	2.00	2.00	NT	SM,AU,SP	TAG	BIO-1760	2.00
* BIO-130	Anatomy & Physiology I	4.00	5.00	NT	SM,AU,SP	----	BIO-1772	6.00
* ENGL-112	Composition I	3.00	4.00	NT	SM,AU,SP	OTM	COM-1535	4.00
* RAD-101	Imaging Procedures I	3.00	4.00	T	SM	----	RAD-4102 & RAD-4103; RAD-4104-BRIDGE CRS	5.00 & 4.00; 3.00
* RAD-130	Radiation Physics I	1.50	1.50	T	SM	----	RAD-4157 & RAD-4158; RAD-4105; BRIDGE CRS	2.00 & 2.00; 1.50
* RAD-164	Patient Care & Management I	0.50	1.00	T	SM	----	RAD-4109; RAD-4108 BRIDGE CRS	1.00; 0.50
* RAD-184	Orientation to the Clinical Environment	0.50	1.50	T	SM	----	RAD-4130; RAD-4106 BRIDGE CRS	1.00; 0.50
* RAD-188	Clinical Education in Radiology I	2.00	16.00	T	AU	----	----	----
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>16.50</b>	<b>35.00</b>					

The College Reserves the Right to Change Curricula Without Notice.

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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
<b>SEMESTER 2 (Spring)</b>								
* BIO-131	Anatomy & Physiology II	4.00	5.00	NT	SM,AU,SP	----	BIO-1773	6.00
* RAD-103	Imaging Procedures II	3.00	4.00	T	AU	----	RAD-102; RAD-4102	3.00 & 5.00
* RAD-131	Radiation Physics II	1.50	1.50	T	AU	----	RAD-4158	2.00
* RAD-133	Image Acquisition	4.00	5.00	T	SP	----	RAD-4184 & RAD-4187	4.00 & 4.00
* RAD-165	Patient Care & Management II	1.00	2.00	T	AU	----	RAD-4109 & RAD-4165	1.00 & 1.00
* RAD-186	Clinical Education in Radiology II	2.00	16.00	T	AU	----	RAD-4146 & RAD-4150	2.00 & 3.00
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>15.50</b>	<b>33.50</b>					
<b>SEMESTER 3 (Summer)</b>								
* ENGL-113	Composition II	3.00	4.00	NT	SM,AU,SP	OTM	COM-1536	4.00
* RAD-154	Medical Imaging Seminar I	1.00	1.00	T	SM	----	RAD-4154	2.00
* RAD-166	Patient Care and Management III	1.00	1.00	T	SP	----	RAD-4165 & RAD-4166	1.00 & 1.00
* RAD-285	Clinical Education in Radiology III	4.00	32.00	T	SM	----	RAD-4159	4.00
* RAD-290	Specialty Disciplines in Radiology	0.50	0.50	T	SM	----	RAD-4188	1.00
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>9.50</b>	<b>38.50</b>					
<b>SEMESTER 4 (Autumn)</b>								
* DMS-110	Cross Sectional Anatomy	2.00	3.00	NT	AU	----	DMS-4511	3.00
PSY-100	Introduction to Psychology	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1376	5.00
* RAD-210	Radiologic Pathology I	1.50	1.50	T	AU	----	RAD-4160	4.00
* RAD-233	Quality Assurance and Image Production	3.00	5.00	T	AU	----	RAD-4187 ; MEDIMG-259 BRIDGE CRS	4.00; 2.00
* RAD-267	Patient Care and Management IV	1.00	2.00	T	AU	----	RAD-4167 & RAD-4168	1.00 & 1.00
* RAD-286	Clinical Education in Radiology IV	2.00	16.00	T	AU	----	RAD-4148 & RAD-4179	2.00 & 3.00
SPCH-210	Small Group Communications	3.00	3.00	NT	SM,AU,SP	TAG	COM-1523	3.00
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>15.50</b>	<b>33.50</b>					
<b>SEMESTER 5 (Spring)</b>								
* RAD-132	Radiobiology & Radiation Protection	2.00	3.00	T	SP	----	RAD-4139	3.00
* RAD-211	Radiologic Pathology II	1.50	1.50	T	SP	----	RAD-4160	4.00
* RAD-246	Current Issues & Ethics in Medical Imaging	1.50	1.50	NT	SP	----	RAD-4046	2.00
* RAD-254	Medical Imaging Seminar II	1.50	1.50	T	SP	----	RAD-4155	2.00
* RAD-280	Clinical Education in Specialty Disciplines	1.00	8.00	T	SP	----	RAD-287; RAD-4177	2.00
* RAD-288	Clinical Education in Radiology V	2.00	17.00	T	SP	----	----	----
SOC-110	Cultural Diversity	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1379	3.00
	Technical Elective	2.50	2.50	T	See Choices Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>15.00</b>	<b>38.00</b>					
<b>Total Semester Credit Hours Required for Completion of Degree</b>								<b>72.00</b>
<i>Non-Technical Required Semester Credit Hours</i>								28.50
<i>Technical Required Semester Credit Hours</i>								43.50
<b>Technical Electives</b>								
<b>Total of 3.00 Semester Credit Hours Required to Complete this Degree</b>								
* RAD-294	Interventional and Surgical Radiology	2.50	2.50	T	SP	----	RAD-297; RAD-4193	5.00
* RAD-295	CT Instrumentation	2.50	2.50	T	SP	----	RAD-298; RAD-4194	5.00
* RAD-296	MR Instrumentation	2.50	2.50	T	SP	----	RAD-299; RAD-4195	5.00