Central Ohio Technical College - 2012-2013 Academic Year

Plan of Study for the Associate of Applied Science Degree in

Diagnostic Medical Sonography Technology -

General Major

Datatel Program Code	DMSGN.AAS
COTC Major Number	005040
CIP Code	51.0910

PRE-ADMISSION COURSE REQUIREMENTS FOR DMSGN.AAS program

The DMS - General Major AAS program 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 Diagnostic Medical Sonography 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
*	ENGL-110	Composition I	3.00	3.00	NT	SM,AU,SP	OTM	COM-1535	4.00
	IDS-100	Campus Connections	1.00	2.00	NT	SM,AU,SP	-----	None	-----
	BIO-110	Medical Terminiology	2.00	2.00	T	SM,AU,SP	-----	BIO-1760	2.00
*	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 will earn an

Associate of Applied Science Degree in Diagnostic Medical Sonography Technology, General Major

And be eligible to sit for the National credentialing examinations.

A grade of C (2.00) or better is required for all Sonography and Anatomy and Physiology

courses in order to continue in and graduate from the Diagnostic Medical Sonography Technology program.

Policies of the Diagnostic Medical Sonography Technology program which are unique in regard to admission, re-admission, grading and

promotion are available in the Student Handbook, Division of HealthTechnologies.

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

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					SEMESTER 1				
*	BIO-130	Anatomy and Physiology I	4.00	5.00	NT	SM,AU,SP	-----	BIO-1772	6.00
*	DMS-100	Introduction to Sonography & Patient Care	2.00	2.00	T	AU	-----	DMS-4050 & DMS-4514	2.00 & 1.00
*	DMS-180	Sonography Scan Lab I	2.00	6.00	T	AU	-----	DMS-4545	2.00
*	ENGL-111	Composition II	3.00	3.00	NT	SM,AU,SP	OTM	COM-1536	4.00
*	PSYCH-100	Introduction to Psychology	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1376	5.00
		TOTAL CREDIT & CONTACT HOURS	14.00	19.00					
					SEMESTER 2				
*	BIO-131	Anatomy and Physiology II	4.00	5.00	NT	SM,AU,SP	-----	BIO-1773	6.00
*	DMS-181	Sonography Scan Lab II	2.00	6.00	T	SP	-----	None	-----
	EMS-100	Basic Life Support (CPR) for the Healthcare Provider	0.50	0.50	NT	SM,AU,SP	-----	EMS-4331	0.50
*	SOC-110	Cultural Diversity	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1382	3.00
	SPCH-100	Fundamentals of Communication	3.00	3.00	NT	SM,AU,SP	TAG	COM-1534	4.00
		TOTAL CREDIT & CONTACT HOURS	12.50	17.50					

The College Reserves the Right to Change Curricula Without Notice.

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Diagnostic Medical Sonography Technology -
General Major

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COTC Major Number	**005040**
CIP Code	**51.0910**

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					SEMESTER 3				
*	DMS-110	Cross Sectional Anatomy	2.00	3.00	NT	SM	-----	DMS-4511	3.00
*	DMS-115	Current Issues in Healthcare	1.00	1.00	NT	SM	-----	RAD-4046	2.00
*	DMS-185	Principles of Clinical Songraphy	4.00	16.00	T	SM	-----	DMS-4541 & DMS-4543	2.00 & 4.00
*	DMS-210	Obstetrical & Gynecological Sonography I	3.00	3.00	T	SM	-----	DMS-4507 & DMS-4529	3.00 & 3.00
*	PHYS-100	General Physics	4.00	5.00	NT	SM,AU,SP	-----	PHY-1721 & PHY-1726	5.00 & 5.00
		Non-Technical Elective	3.00	3.00	NT Elec	See Choices Below			
		TOTAL CREDIT & CONTACT HOURS	17.00	31.00					
					SEMESTER 4				
*	DMS-200	Sonographic Physics & Instrumentation I	3.00	3.00	T	AU	-----	DMS-4515	4.00
*	DMS-211	Obstetrical & Gynecological Sonography II	4.00	4.00	T	AU	-----	DMS-4529 & DMS-4530	3.00 & 4.00
*	DMS-220	Abdominal Sonography I	3.00	3.00	T	AU	-----	DMS-4536 & DMS-4537	3.00 & 3.00
*	DMS-285	Clinical Sonography I	6.00	26.00	T	AU	-----	DMS-4543 & DMS-4544	4.00 & 4.00
		TOTAL CREDIT & CONTACT HOURS	16.00	36.00					
					SEMESTER 5				
*	DMS-201	Sonographic Physics & Instrumentation II	3.00	3.00	T	SP	-----	DMS-4517 & DMS-4519	2.00 & 3.00
*	DMS-221	Abdominal Sonography II	3.00	3.00	T	SP	-----	DMS-4537 & DMS-4538	3.00 & 3.00
*	DMS-222	Breast Sonography	1.00	1.00	T	SP	-----	DMS-4581	2.00
*	DMS-286	Clinical Sonography II	6.00	26.00	T	SP	-----	DMS-4546 & DMS-4549	4.00 & 6.00
		TOTAL CREDIT & CONTACT HOURS	13.00	33.00					

Total Semester Credit Hours Required for Completion of Degree	**72.50**
Non-Technical Required Semester Credit Hours	30.50
Technical Required Semester Credit Hours	42.00

Non-Technical Elective								
Total of 3.00 Semester Credit Hours Required to Complete this Degree								
	BIO-115	Human Nutrition	3.00	3.00	NT Elec	SM,AU,SP	TAG	BIO-1764	3.00
*	BIO-200	Microbiology	4.00	5.00	NT Elec	SM,AU,SP	OTM	BIO-1755	5.00
	BUS-110	Introduction to Management	3.00	3.00	NT Elec	SM,AU,SP	-----	BMT-2021	4.00
	BUS-115	Introduction to Marketing	3.00	3.00	NT Elec	SM,AU,SP	TAG	BMT-2022	4.00
*	BUS-235	Labor Relations	2.00	2.00	NT Elec	SM,AU,SP	-----	BMT-2850	4.00
	HUMSVC-110	Chemical Dependency I	3.00	3.00	NT Elec	SM,AU,SP	-----	HUM-5300	3.00
*	PHIL-100	Critical Thinking	3.00	3.00	NT Elec	SM,AU,SP	OTM	BHS-1006	3.00
*	PHIL-200	Introduction to Ethics	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1340	3.00
*	PSYCH-200	Abnormal Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1378	3.00
*	PSYCH-230	Organizational Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG	BHS-1385	3.00
*	SOC-100	Introduction to Sociology	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1382	3.00
	SPCH-210	Small Group Communication	3.00	3.00	NT Elec	SM,AU,SP	TAG	COM-1523	3.00