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Associate in Applied Science
in
Adult Cardiac Diagnostic Medical Sonography*

Career Curriculum 00DMS 0017
Minimum Hours: 64
Major Code: 1.2 510910
Effective Date: Fall 2026

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College Fundamentals (A, B, or C)	1	
ALH	101	Cardiopulmonary Resuscitation	1	
ALH	217	Medical Terminology	3	
BIO	206	Human Anatomy & Physiology II	4	
MAT	115	Applied Mathematics	3	
DMS	104	Diagnostic Ultrasound Foundations	4	
			16	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
PHY	121	Technical Physics	3	
DMS	112	Cardiac EKG and Electrophysiology	1	
DMS	202	Cardiac Anatomy and Physiology	4	
DMS	204	Cardiac Ultrasound Imaging/Lab I	4	
DMS	206	Cardiac Ultrasound Clinic I	2.5	
			14.5	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
DMS	214	Cardiac Ultrasound Imaging/Lab II	4	
DMS	226	Cardiac Ultrasound Clinic II	2.5	
			6.5	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
DMS	200	Medical Physics & Instrumentation I	2	
DMS	210	Medical Physics & Instrumentation II	2	
DMS	224	Cardiac Ultrasound Imaging/Lab III	3	
DMS	236	Cardiac Ultrasound Clinic III	5	
			12	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
COM	115	Speech OR COM 116 Interpersonal Communication	3	
DMS	230	Cardiac Seminar	2	
DMS	246	Cardiac Ultrasound Clinic IV	10	
			15	

NOTES AND INFORMATION

*** Students must maintain a grade of "C" or higher in all courses**.

BIO 206 must be completed by the end of the first semester or prior to program admittance.

MAT 115 must be completed to be enrolled in DMS 204 – Cardiac Ultrasound Imaging/Lab I.

PHY 121 must be completed to be enrolled in DMS 200 – Medical Physics & Instrumentation I.

Career Opportunities: Sonographers can choose to work in clinics, hospitals, private practice physician offices, public health facilities, laboratories, and other medical settings performing examinations in their areas of specialization. Career advancement opportunities exist in education, administration, research, and in commercial companies as education/application specialists, sales representatives, and technical advisors.

The John A. Logan Adult Cardiac Diagnostic Medical Sonography Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS).

CAAHEP
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John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and timelines of this document.