

DIAGNOSTIC MEDICAL SONOGRAPHY TECHNOLOGY (2135/2136)

ASSOCIATE IN SCIENCE DEGREE

This program is designed to prepare students for employment as diagnostic medical sonographers. The content includes but is not limited to anatomy, physiology, and pathology of the abdominal, pelvic, and urogenital structures; physics; instrumentation; equipment standards; biological effect of ultrasound, patient care; clinical medicine; applications and limitations of ultrasound; related diagnostic procedures; image evaluation; administration; first aid and cardiopulmonary resuscitation; employability skills; leadership and human relations skills; health and safety.

For additional information, visit our website at SJRstate.edu/alliedhealth or call (904) 808-7465.

PROGRAM MISSION STATEMENT

The mission of the Diagnostic Medical Sonography Technology program is designed to provide an education which encompasses all the skills necessary for employment as entry level diagnostic medical sonographers.

PROGRAM GOAL

The goal of the Diagnostic Medical Sonography Technology program at St. Johns River State College is to prepare competent entry-level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains in the abdominal sonography – extended and vascular sonography.

The Diagnostic Medical Sonography Technology core courses (four semesters without prerequisites) will be offered on the Orange Park campus with clinical experiences throughout the tri-county service area of SJR State and beyond. A student must earn a grade of “C” or higher in all courses.

Note: Students who are only taking prerequisites for admission into the program and who are not pursuing other degree programs are not considered regular, admitted students and are therefore not eligible for either federal or state forms of financial aid.

ADMISSION REQUIREMENTS

The Diagnostic Medical Sonography Technology program is a limited-access program that begins in August of each year. To apply for admission to the Diagnostic Medical Sonography Technology program, a student must have completed all of the following prior to the program application deadline:

1. Application process to SJR State.
2. Application to SJR State Diagnostic Medical Sonography Technology program by the advertised deadline. Applicants may apply April 1 – June 30 each year for fall enrollment.
3. Achieved satisfactory scores on college placement tests or have completed required college preparatory courses.
4. Successful completion (C minimum) of the following general education and Diagnostic Medical Sonography Technology related courses prior to the program application deadline.

GENERAL EDUCATION COURSES:

+	ENC	1101	Composition I.....	3
+*	—	—	General Education Core Humanities	3
*	—	—	General Education Core Mathematics	3
+	PHY	1020	Introduction to Physics.....	3
Choose one of the following Social Science courses:				
	AMH	2010	United States History to 1877	3
			OR	
	AMH	2020	United States History Since 1877	3
			OR	
	POS	1041	United States Federal Government.....	3

DIAGNOSTIC MEDICAL SONOGRAPHY TECHNOLOGY RELATED COURSES:

^	BSC	2085	Human Anatomy and Physiology I.....	3
	BSC	2085L	Laboratory for Human Anatomy and Physiology I	1
+^	BSC	2086	Human Anatomy and Physiology II.....	3
	BSC	2086L	Laboratory for Human Anatomy and Physiology II	1
	HSC	1531	Medical Terminology.....	3

* Refer to A.S. degree general education core requirements on page 80.

+ Qualifying placement score or prerequisite course may be required. See course descriptions in catalog.

^ Corequisite lab required. See course descriptions in catalog.

DIAGNOSTIC MEDICAL SONOGRAPHY TECHNOLOGY (2135/2136) CONTINUED

ASSOCIATE IN SCIENCE DEGREE

STUDENT SELECTION

The student selection process is based on the following point system: (MAXIMUM POSSIBLE POINTS 150)

- 104 POSSIBLE POINTS AWARDED** – Points tabulated from the prerequisite and other general education courses identified in the degree requirements will contribute to the total points assigned to this category. A total of 26 semester hours of credit are available for point consideration. The method of point calculation for this category is based on the following formula:
(A = 4 points, B = 3 points, C = 2 points; Letter grade value X credits = points assigned).
Calculation example: student achieves a letter grade (B) in ENC 1101 X (3 credits) = 9 points
- 15 POINTS AWARDED** – Residence in Clay, Putnam, or St. Johns counties, Florida.
- 15 POSSIBLE POINTS AWARDED** – 5 points will be awarded if applicant has an A.A./A.S. degree; 10 points will be awarded if applicant has a B.A./B.S. degree; 15 points will be awarded if applicant has a M.A./M.S. degree.
- 16 POSSIBLE POINTS AWARDED** – 2 points will be awarded for each prerequisite course in general education (Maximum 10 points) and other required prerequisite courses (Maximum 6 points). Note: Lab courses are not included in this point total.
- 6 POSSIBLE POINTS AWARDED** – Completion of HSC 1004 with a grade of “C” or higher. Points will be awarded according to the following scale: A = 6, B = 4, C = 2.

In case two or more students are tied in points for the last available position, admission will be awarded to the student with the earliest date and time the application was received from the applicants with the tied score.

FOLLOWING ACCEPTANCE INTO THE PROGRAM APPLICANTS MUST:

- Have a physical examination verifying acceptable health status for the program. Requirements for the physical are included on the form provided to each student admitted into the Diagnostic Medical Sonography Technology program.
- All students are asked to sign a consent and waiver for SJR State to perform a criminal background check and receive drug screen results. Failure to provide this consent will render the applicant ineligible for admission to the program. Admission to the program is conditional upon the results of the criminal background check and drug screen results. Additional random and scheduled drug screening may be required at any time during the program.
- Attend the Diagnostic Medical Sonography Technology program orientation on the specified date.

GENERAL EDUCATION COURSES:

+	ENC	1101	Composition I.....	3
+*	—	—	General Education Core Humanities	3
*	—	—	General Education Core Mathematics	3
+	PHY	1020	Introduction to Physics.....	3

Choose one of the following Social Science courses:

	AMH	2010	United States History to 1877	3
			OR	
	AMH	2020	United States History Since 1877	3
			OR	
	POS	1041	United States Federal Government.....	3

DIAGNOSTIC MEDICAL SONOGRAPHY TECHNOLOGY RELATED COURSES:

^	BSC	2085	Human Anatomy and Physiology I.....	3
	BSC	2085L	Laboratory for Human Anatomy and Physiology I	1
+^	BSC	2086	Human Anatomy and Physiology II.....	3
	BSC	2086L	Laboratory for Human Anatomy and Physiology II	1
	HSC	1531	Medical Terminology.....	3

DEGREE SPECIFIC COURSES:

	SON	1000	Introduction to Sonography.....	3
^	SON	1111	Abdominal Sonography I.....	3
	SON	1111L	Abdominal Sonography I Lab	1
+^	SON	1112	Abdominal Sonography II	3
+	SON	1112L	Abdominal Sonography II Lab	1
	SON	1113	Sonographic Cross-Sectional Anatomy	2
+	SON	1121	Obstetrics/Gynecology Sonography I.....	3
+^	SON	1150	Neurosonology and Superficial Structures	2
+	SON	1150L	Neurosonology and Superficial Structures Lab.....	1

DIAGNOSTIC MEDICAL SONOGRAPHY TECHNOLOGY (2135/2136) CONTINUED

ASSOCIATE IN SCIENCE DEGREE

	SON	1211	Medical Sonography Physics I.....	3
+	SON	1804	Clinical Education I.....	3
+^	SON	2122	Obstetrics/Gynecology Sonography II.....	3
+	SON	2122L	Obstetrics/Gynecology Sonography II Lab.....	1
+^	SON	2171	Vascular Sonography I.....	3
+	SON	2171L	Vascular Sonography I Lab.....	1
+^	SON	2175	Vascular Sonography II.....	3
+	SON	2175L	Vascular Sonography II Lab.....	1
+	SON	2814	Clinical Education II.....	5
+	SON	2824	Clinical Education III.....	7
+	SON	2930	Special Topics.....	2

REQUIRED TOTAL CREDIT HOURS **77**

- * Refer to A.S. degree general education core requirements on page 80.
- + Qualifying placement score or prerequisite course may be required. See course descriptions in catalog.
- ^ Corequisite lab required. See course descriptions in catalog.