

**Certificate****DIAGNOSTIC MEDICAL SONOGRAPHY**

The technological advancement of diagnostic sonography has been incredibly beneficial for the medical field. Diagnostic Medical Sonographers use sound waves at high frequencies to produce high-resolution images so physicians can clearly see muscles, internal organs, and joints, providing more accuracy when determining a patient's condition and course of treatment. One of the more popular uses of this technology is obstetric sonography, which allows doctors, along with expectant parents, to see the fetus as it develops and to monitor for abnormalities or health complications in the developing child. Students completing the program are eligible to take the ARRT - American Registry of Radiologic Technologist certification exam in Diagnostic Medical Sonography and the ARDMS (American Registry of Diagnostic Medical Sonography). See the program mission statement.

Note: Students with appropriate credits to qualify for an A.A.S. degree in General Technology may graduate with an A.A.S. in General Technology, with an Emphasis in Diagnostic Medical Sonography.

The Diagnostic Medical Sonography program at Horry-Georgetown Technical College is accredited by the Commission on Accreditation of Allied Health Education Programs upon the recommendation of Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS). Commission on Accreditation of Allied Health Education Programs, 1361 Park Street; Clearwater, FL 33756, 727-210-2350.

**PROGRAM INFORMATION****Specific Admission Requirements for Program**

Applicants will be accepted into the Diagnostic Medical Sonography program by completing a weighted application form. Students with the highest scores will receive admission to the program. A waiting list of applicants will not be maintained for future admission. An applicant who receives notification that he/she was not admitted to the program must resubmit the Diagnostic Medical Sonography Application by the program application deadline date to be considered for admission to the next available class. Weighted admission forms are available on the Health Science web page.

- Criminal Background Check prior to acceptance
- Urine Drug Screening prior to acceptance
- Submit a Health Sciences Division Student Health Record Form indicating the candidate has the ability to perform the physical tasks required in the program.
- Complete and pass the General Hospital Orientation.
- Proof of CPR certification for Health Care Providers prior to admission and during program.
- Review and acknowledge the Medical Imaging Technical Standards Form.
- Attend the Medical Imaging Sciences information session and obtain a signed statement verifying attendance to submit for admissions.
- Successful completion of all 11 Diagnostic Medical Sonography Core Courses with a minimum grade of "C" and a GPA of at least 2.5. (Course time limits apply.)
- Payment of a non-refundable tuition deposit.
- Complete the online Diagnostic Medical Sonography Information Session.
- For re-acceptance guidelines, see the MIS Student Handbook.
- For students seeking transfer credits from other institutions, see the MIS Admission FAQ.
- Other expenses for which you are responsible may include, but are not limited to: purchasing scrubs and shoes, gas and transportation to clinical sites, Licensing Exam fees of \$200+.

**Course Sequence and Progression Requirements**

A cumulative GPA of 2.5 or higher as well as a minimum grade of "C" or better is required for all DMS-prefixed courses for progression and graduation. Grades below "C" are considered course failures. Any student who fails to meet the requirements for progression will be dropped from the Diagnostic Medical Sonography program and must apply for re-acceptance. For further information regarding re-acceptance, see the MIS Student Handbook.

Students must pass a criminal background check and urine drug screening 30 days prior to starting clinical each semester.

**CURRICULUM SEQUENCE**

## Diagnostic Medical Sonography Prerequisites

GPA of 2.5 required with grades of C's or higher.	
BIO 210	Anatomy and Physiology I
BIO 211 (5 yr. time limit)	Anatomy and Physiology II
ENG 101	English Composition I

(Continued)

MAT 110 or 120	College Alg. or Probs. & Stats
PSY 201	General Psychology
COL 105	Freshman Seminar
SPC 205	Public Speaking
AHS 102 (10 yr. time limit)	Medical Terminology
AHS 110 (10 yr. time limit)	Patient Care Procedures
PHY 118	Medical Imaging Science
Humanities of your choice	ART 101, 105, 108 ENG 201, 202, 205, 206, 208, 209, 214, 224 FRE 201, 202 HIS 101, 102, 201, 202 MUS 105 PHI 101, 110, 201 REL 103 SPA 201, 202 THE 101

**First Semester - Fall**

DMS 112	OB/GYN I	3
DMS 114	DMS Cross Sectional Anatomy	3
DMS 164	Introduction to Clinical Education	2
	<b>TOTAL</b>	<b>8</b>

**Second Semester - Spring**

DMS 101	Sonographic Instrumentation I	2
DMS 124	OB/GYN II	2
DMS 155	Clinical Education I	8
	<b>TOTAL</b>	<b>12</b>

**Third Semester - Summer**

DMS 120	Sonographic Instrumentation II	3
DMS 166	Advanced Clinical Education	7
	<b>TOTAL</b>	<b>10</b>

**Fourth Semester - Fall**

DMS 122	Abdominal Sonography	1
DMS 167	Imaging Practicum	8
	<b>TOTAL</b>	<b>9</b>
	<b>TOTAL CREDIT HOURS</b>	<b>39</b>