

Certificate: **DIAGNOSTIC MEDICAL SONOGRAPHY (DMS7) – Limited Access Program**

Credit Requirements: 39 semester credit hours

Criminal Background Check Required: YES

Urine Drug Screening Required: YES

*Note: Students with enough credits to qualify for a degree in Occupational Technology may graduate with a Degree in Occupational Technology, with a Major or Emphasis in Diagnostic Medical Sonography.*

The Diagnostic Medical Sonography Program is an advanced certificate. Diagnostic Medical Sonographers use the physical attributes of sound waves at high frequencies to produce diagnostic images used for interpretation and diagnosis by qualified physicians. These images may be viewed on a screen or recorded on film for a permanent record.

#### ACCEPTANCE REQUIREMENTS

- Meet the criteria for admission to HGTC. This includes submission of application fee; official high school transcript, including graduation date or copy of GED; and official college transcripts.
- Complete the following prerequisites with a grade of “C” or better:
  - PHY 118 (PHY 201 or PHY 202/Radiographic Physics is acceptable)
  - BIO 210 and BIO 211
  - MAT 110 or MAT 120
  - CPT 101
  - ENG 101
  - SPC 205
  - AHS 110 (required if student has no patient care skills background; offered in summer only and requires BIO 210 and BIO 211 as prerequisites)
- The requirements of BIO 210 and BIO 211 must have been successfully completed within the last five years from the date of application unless the applicant submits proof of full-time employment in an Allied Health Field and has previously accrued the pre-requisites. See the transfer credit time limit section of the catalog.
- Students must pass a criminal background check prior to entry into the program.
- Students must complete a Health Form, a drug screen test and attend a mandatory hospital orientation.
- Students completing the program will be eligible to sit for the ARRT – American Registry of Radiologic Technologist certification exam in Diagnostic Medical Sonography.
- Students turned down because of background checks may not enter the program.

#### COURSE PROGRESSION REQUIREMENTS

In order to progress to the next semester once accepted into the program a student must:

1. Earn a 2.5 GPA and a grade of “C” or better in all courses.
2. Maintain a cumulative GPA of 2.5.

#### REACCEPTANCE TO A PROGRAM

Students who receive a W, D, or F in a prerequisite or corequisite course may request consideration for reacceptance to the DMS program. Reacceptance to the program is not automatic.

Grading Scale:

92 – 100	A
83 – 91	B
74 – 82	C
65 – 73	D
64 and below	F

FIRST SEMESTER (FALL)

DMS112	OB/GYN I	3
DMS114	DMS Cross Sectional Anatomy	3
DMS164	Introduction to Clinical Education	2
	TOTAL	8

SPRING SEMESTER (SPRING)

DMS101	Sonographic Instrumentation I	2
DMS124	OB/GYN II	2
DMS155	Clinical Education I	8
	TOTAL	12

THIRD SEMESTER (SUMMER)

DMS166	Advanced Clinical Education	7
DMS122	Abdominal Sonography	1
	TOTAL	8

FOURTH SEMESTER (FALL)

DMS120	Sonographic Instrumentation II	3
DMS167	Imaging Practicum	8
	<u>TOTAL</u>	<u>11</u>
	<b>TOTAL CREDIT HOURS</b>	<b>39</b>