



## **DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM DETAILS**

### **Program Description**

The Diagnostic Medical Sonography (DMS) Program is a two-year, accredited Associate Degree program that consists of both general education and core curriculum courses. The program consists of 70 credits. The course descriptions are included in this handbook. In addition, students are required to complete a supervised clinical educational experience, which may require travel. Maximum program classroom/clinical involvement shall not exceed 40 hours per week. Assignments and/or assessments are done outside of classroom/clinical time and are not included in the stated 40 hours. All core courses are web enhanced. The use of a computer will be required. Computers are provided on campus if needed.

### **Program Mission**

The mission of the Diagnostic Medical Sonography Program is to provide the highest quality of education to diagnostic imaging students through formal didactic, state-of-the-art lab experiences and clinical experiences that prepare students to be diagnostic medical sonographers who are dedicated to patient care, are critical thinkers, and are committed to lifelong learning.

### **Program Vision**

We shall be the premier educational program in Diagnostic Medical Sonography by providing innovative curricular and clinical experience to the districts we serve.

### **Program Goals**

It is the goal of the DMS Program to prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. Program graduates are able to apply to take certification examinations offered by the American Registry of Diagnostic Medical Sonographers (ARDMS). The general DMS curriculum prepares graduates for the following ARDMS examinations: Sonography Principles and Instrumentation (SPI), Abdomen (AB), and Obstetrics and Gynecology (OB/GYN).

### **Program Objectives**

Upon completion of the Diagnostic Medical Sonography Program the graduate will be able to perform the technical standards of a Diagnostic Medical Sonographer as indicated below and by the Society of Diagnostic Medical Sonography.

#### **Cognitive:**

- Obtain, review and integrate pertinent patient data to facilitate optimal diagnostic results.
- Demonstrate critical thinking skills during the performance of sonographic procedures to provide optimal diagnostic services.

**Psychomotor:**

- Perform sonographic procedures appropriately and accurately recording all anatomic and physiologic information for interpretation by a physician.
- Document and present complete and accurate sonographic findings to the interpreting physician in order to facilitate patient diagnosis.
- Maintain optimal function of the sonographic equipment.

**Affective:**

- Demonstrate effective communication skills with patients and all members of the healthcare team.
- Provide compassionate patient care and education to promote overall well-being.
- Act in a professional manner within recognized sonographer's code of ethical and legal standards.