

# DIAGNOSTIC MEDICAL SONOGRAPHY

Division: Health Science

## Division Dean

Colin Preston

## Faculty

Nancy Corrales  
Lynn Mitts

## Counselors

Kelly Carter

## Program Mission Statement

The Cypress College Diagnostic Medical Sonography program provides a high quality education to prepare a diverse population of students with entry level skills needed to become competent and confident sonographers.

## Program Goals and Objectives

1. Students will have the knowledge and skills to competently and safely perform sonography procedures.
2. Students will develop the skills necessary to communicate effectively.
3. Students will use critical thinking and problem solving skills.
4. Students will evaluate the importance of professional development and growth.
5. The program will provide the community with entry level sonographers for employment in the healthcare setting.  
Program Effectiveness expected outcomes are:
  - a. Students will pass the national certification exam on the 1st attempt.
  - b. Students seeking employment will be gainfully employed within 6 months of graduation.
  - c. Students will complete the program.
  - d. Graduates will be satisfied with their education.
  - e. Employers will be satisfied with the performance of newly hired technologists.

After completing the clinical internship and receiving the completion certificate, the student will be eligible to apply for the certification examination administered by the American Registry of Diagnostic Medical Sonographers (ARDMS). The Diagnostic Medical Sonography program is accredited by the Commission on Accreditation of Allied Health Education Programs.

### Commission on Accreditation of Allied Health Education Programs (CAAHEP)

25400 US Hwy 19 North  
Suite 158  
Clearwater, Florida 33763  
Phone: (727) 210-2350  
web: [www.caahep.org](http://www.caahep.org)

## Minimum Standards to Apply

1. Eligibility for admission to Cypress College.
2. High school diploma or GED test, or the high school proficiency examination.
3. Minimum age of 17 years. Must be 18 years old at the start of clinical training.
4. Present evidence of good physical and mental health, as determined by medical examination upon admission to program and prior to enrollment.
5. Overall GPA of 2.0 in all college classes taken.
6. Must have own transportation to all affiliated hospitals.
7. Eligibility for ENGL 100 C or ENGL 101 or ESL 110 (College Writing)
8. See "Prerequisites and Requirements" for specific course prerequisites needed to apply.

## Program Prerequisites (both Degree and Certificate)

The following prerequisite courses must be completed at the time of application with a grade of C or better in each course. Once a passing grade (C or better) has been achieved courses cannot be repeated for a better grade.

Code	Title	Units
<b>Prerequisites</b>		
RADT 142 C	Radiologic Electronics	4
RADT 153 C	Radiography Patient Care	3
HS 145 C	Survey of Medical Terminology	3
HS 147 C	Survey of Disease	3
BIOL 210 C	Anatomy and Physiology	5
Select one of the following:		3-4
ENGL 100 C	College Writing	4
or ENGL 101 C	Enhanced College Writing	
or ESL 110 C	Coll Comp for Non-Native Spkrs	
or COMM 100 C	Human Communication	
or COMM 050 C	Effective Communication	
MATH 100 C	Liberal Arts Mathematics	3
MATH 110 C	Math for Prospective Teachers	4
MATH 110PC	Math for Prospective Teachers	4
MATH 115 C	Finite Mathematics	4
MATH 115PC	Finite Mathematics	4
MATH 120 C	Intro Probability Statistics	4
MATH 120PC	Intro to Probability and Stats	4
MATH 130 C	Survey of Calculus	4
MATH 130PC	Survey of Calculus	4
MATH 141 C	College Algebra	4
MATH 141PC	College Algebra	4
MATH 142 C	Trigonometry	4
MATH 150AC	Calculus I	4
CIS 111 C	Computer Information Systems	3
DMS 160 C	Introduction to Sonography <sup>1</sup>	2

- <sup>1</sup> DMS 160 C must be completed in the Summer Term prior to enrollment into the Fall Term of the Sonography Program. This course is offered only to the accepted and alternate students who will start the program in the next fall semester.

## Application and Selection Procedure

1. A separate application, in addition to the college application, is required for admission into the Diagnostic Medical Sonography Program.
2. Applications must be completed **online** during the month of **February**. Please see the **Health Science Application link** on the Diagnostic Medical Sonography home page.
3. Applicants must submit official transcripts (except Cypress and Fullerton Colleges), to admissions and records, by **March 15**.
4. An appointment with Health Science counselor or attendance at a program information meeting is recommended to discuss selection criteria and deadlines for application process. Selection criteria will award points for grade point average in program prerequisites, and how many times an applicant has applied to the program. Selection criteria is subject to change
5. Class enrollment is based on the number of approved clinical education centers available. Student capacity is also determined by the Joint Review Commission in Diagnostic Medical Sonographers.
  - Diagnostic Medical Sonography Associate in Science Degree
  - Diagnostic Medical Sonography Certificate

At Cypress College, there are Department Program Student Learning Outcomes and Degree & Certificate Program Student Learning Outcomes.

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## Department Program Student Learning

### Outcomes:

The courses taught by this department contribute to the following ISLO/PSLOs: A-Breadth of Knowledge, Competencies, and Skills, B-Communication Skills, C-Critical Thinking, Problem Solving, and Information Competency Skills, and D-Personal, Academic, and Professional Development; specifically, the following ISLO/PSLO subcategories: A1-Health Sciences, B1-Reading, B2-Writing, B3-Communicating, B4-Presenting, C1-Analysis, C2-Computation, C3-Research, C4-Problem Solving, C5-Technology, D1-Personal Responsibility, and D2-Global Citizenship.

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## Degree & Certificate Program Student Learning

### Outcomes:

The program student learning outcomes for each award can be found on the specific degree or certificate page.