

# Diagnostic Medical Sonography

9200 Valley View St.

Cypress, CA

90630-5897

## OPTION OF THE RADIOLOGIC TECHNOLOGY DEPARTMENT



### Division of Health Science

**Note:** If you have been subject to revocation, suspension, or disciplinary action by:

a) State licensing board;  
b) Federal agency;  
c) National professional association and/or are presently charged with or have ever been convicted or found guilty of, or pleaded nolo contendere to any crime or misdemeanor directly related to public health and safety and/or the provisions of diagnostic medical sonography or vascular technology services, YOU WILL BE REQUIRED TO DECLARE THIS ON YOUR NATIONAL REGISTRY APPLICATION TO WRITE THE EXAMINATION.

These activities may affect your eligibility to write the National Registry Examination.

### 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.

### Sonography Program Goals

1. To prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
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.

### Student Learning Outcomes

*The student will:*

1. Apply appropriate scanning techniques in all sonography procedures.
2. Employ proper patient care techniques.
3. Demonstrate oral and written communication skills.
4. Be able to relate to and anticipate the needs of the doctors and technologists.
5. Be able to adjust to changes, situations, patient conditions, and deviation from the normal routine.
6. Demonstrate knowledge of ethical requirements for an entry level sonographer along with ethical practices in a healthcare setting.
7. Understand their professional obligations upon gaining their ARDMS status.

*Students will be required to pass a formal background check before admittance to an affiliated hospital for training.*

**A. MINIMUM STANDARDS TO APPLY**

1. Eligible for admission to Cypress College.
2. High School graduation or completion of the General Education Development test or high school proficiency test.
3. Minimum age of 17 years to apply. 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. Official transcripts of all colleges attended are required.
6. Must have own transportation to all affiliated hospitals.
7. Eligibility for English 100.
8. Students need to have all general education courses **OR** already have completed an Associates Degree or higher from a Regionally Accredited College **AND** program prerequisites with a grade of "C" or better by the end of the Spring semester.

**B. GENERAL EDUCATION COURSES AND PROGRAM PREREQUISITES**

1. The following program prerequisite courses must be completed by the end of the Spring semester with a minimum "C" grade in each course. Once a passing grade has been achieved, courses cannot be repeated for a better grade.

RADT 142C	Radiologic Electronics (or any introduction or general physics course). . . . .	4
RADT 153C	Radiography Patient Care. . . . .	3
HS 145C	Survey of Medical Terminology. . . . .	3
HS 147C	Survey of Disease. . . . .	3
BIOL 210C	Anatomy & Physiology. . . . .	5
COMM 100C or ENG 100C	Communication/Writing. . . . .	3
CIS 111C	Computer Information Systems. . . . .	3
MATH 040C	Intermediate Algebra (or any math meeting GE). . . . .	4

DMS 160C\* Introduction to Sonography. . . . . 2  
 \*Satisfactory completion of DMS 160C - Introduction to Sonography must be completed during the Summer Session prior to the next Fall semester. This course is offered only to the accepted and alternate students who will start the program in the next Fall semester.

**C. GENERAL EDUCATION & GRADUATION REQUIREMENTS**

The following General Education areas are required for the Associate Degree. For options refer to the Associate Degree requirements in the catalog.  
 All general education courses must be completed with a "C" or better.

**ARTS AND HUMANITIES**  
 Arts (minimum 3 units)  
 Humanities (minimum 3 units)

**SOCIAL SCIENCE** (minimum 6 units)

**PHYSICAL ACTIVITY/HEALTH** (1-3 units)

**GRADUATION REQUIREMENT:**  
 Cultural Diversity  
 Reading Proficiency

Please refer to the Cypress College Catalog for current Native General Education requirements.



## APPLICATION & SELECTION PROCEDURES

1. A separate application in addition to the Cypress College Application is required for admission to the Diagnostic Medical Sonography Program.

**PLEASE NOTE:** F-1 visa students will not be accepted for admission into any program when applications by qualified U.S. citizens exceed space available.

2. Applications must be completed **online** during the month of **February**. Please see the "How to Apply" link on the Health Science home page for specific dates.  
<http://www.cypresscollege.edu/academics/divisions-special-programs/health-science>
3. Applicants must submit the following **in person by March 15th**:

Health Science Applications Office  
Health Science Building/TE-3  
Cypress College  
9200 Valley View St.  
Cypress, CA 90630-5897  
(714) 484-7270

- Signature page of the application
- Official transcripts of all colleges/universities attended (except Cypress and Fullerton Colleges)
- Be prepared to present photo ID.

4. Class enrollment is based on the number of approved clinical education centers available. Student capacity is also determined by the Joint Review Commission in Education in Diagnostic Medical Sonographers.

## CANDIDATE SELECTION CRITERIA

Students for the DMS program are currently **selected using the point system** listed below. No other criteria are used for selection. Students who are not accepted to the program will need to re-apply the following year. Applicants normally exceed capacity.

1. **Students need to have completed all general education courses and program pre-requisites by the end of the Spring semester.**

2. **Total GPA points on program prerequisites (max 50 points)**

4.0 . . . . .	50 points
3.5-3.9 . . . . .	40 points
3.0-3.4 . . . . .	30 points
2.5-2.9 . . . . .	20 points
2.0-2.4 . . . . .	10 points

3. **Additional Points**

Five (5) points will be given for each consecutive eligible application.

Ten (10) points for successful completion of DMS 160 C with a grade of "C" or better.

(Must be accepted into program or an alternate to take)

Grade point average (GPA) of all program pre-requisite courses will determine who will be selected in the event there is a tie in points. Date and time of application will be used for identical GPA's.

Selection criteria is subject to change.

## REQUIRED DOCUMENTS NEEDED FROM STUDENT TO START THE PROGRAM

1. Clear Background Check (instructions provided by Program Director)
2. Complete Physical and Flu shot (forms provided by Program Director)
3. Pass Drug Screen (depending on hospital assignment)
4. Personal liability insurance (instructions provided by Program Director)
5. Personal health insurance

## DIAGNOSTIC MEDICAL SONOGRAPHY REQUIREMENTS

### Curriculum

#### SEMESTER I (Fall)

DMS 170C	Sonography Physics. . . . .	3.5
DMS 172C	Sonography Externship (16 hr./week). . . . .	5.0
DMS 175C	Abdomen Scanning. . . . .	4.0
RADT 262C**	Cross Sectional Imaging . . . . .	1.0
HS 165C**	Ethical Choices in Healthcare . . . . .	1.5

#### SEMESTER II (Spring)

DMS 186C	OB/GYN Scanning. . . . .	4.0
DMS 176C	Pathology and Small Parts. . . . .	3.0
DMS 207C	Clinical Education I (24 hr./week). . . . .	10.0

#### SEMESTER III (Summer)

DMS 188C	Doppler Techniques. . . . .	1.5
DMS 217C	Clinical Education II (32 hr./week). . . . .	7.0

#### SEMESTER IV (Fall)

DMS 195C	Carotid and Arterial Sonography. . . . .	4.0
DMS 227C	Clinical Education III (32hr./week). . . . .	11.0

#### SEMESTER V (Spring)

DMS 210C	Review Seminar. . . . .	2.5
DMS 237C	Clinical Education IV (32hr./week). . . . .	11.0

\*\* May be taken prior to enrollment.

#### FOR INFORMATION CONTACT:

Health Science Counselor  
Cypress College  
9200 Valley View Street  
Cypress, CA 90630-5897  
(714) 484-7015  
www.cypresscollege.edu

**NOTE:** The Sonography courses must be taken in a specific sequence. Students must attain a minimum grade of "C" in all required courses in order to obtain the certificate.

A Certificate in Diagnostic Medical Sonography is also available.  
Please refer to current college catalog.

### Accreditation Status

**The Cypress College Diagnostic Medical Sonography program has programmatic accreditation from the Commission on Accreditation in Allied Health Education Programs (CAAHEP) through the Joint Review Committee in Diagnostic Medical Sonography.**

**CAAHEP**  
**25400 US Hwy 19 North, Suite 158**  
**Clearwater, FL 33763**  
**Phone: (727) 210-2350**  
**Website: www.caahep.org**

The North Orange County Community College District, in compliance with all applicable Federal and State Laws, does not discriminate on the basis of race, color, national origin, ancestry, marital status, age, religion, disability, sex, or sexual orientation in any of its policies, procedures, or practices. The district is also committed to maintaining campuses that are free of harassment, drugs and alcohol.