



SMART START
ALLIED HEALTH ORIENTATION

Tulsa Community College

School of Health Sciences

Diagnostic Medical Sonography

Program Director:

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Application deadline

April 1st

Program Basics

5 semesters

Total Credit Hours: 66

Degree earned- Associate in Applied Science and Certificate in Sonography

Other

Prerequisites and General Education

Specific courses and deadline for completion:

BIO 1314 Human Anatomy & Physiology

Math 1513 Pre-Calculus

ENG 1113 Freshman Composition I

PHYS 1114 General Physics

Completed by application deadline

Application Scoring Criteria

ACT: minimum 18

GPA: minimum 2.5

Grades on prerequisites first time attempted

Interview – top 30 applicants based on above criteria

Writing Sample - Yes

Observation - No

Other – Group Interview with small group of applicants

Individual interview with DMS faculty

Job Description and Basic Essential Function

Sonographers use non-ionizing high-frequency sound waves (ultrasound) to create images of organs, tissues, or blood flow inside the body for diagnostic purposes. Ultrasound exams require the sonographer to use critical thinking, scanning and technical skills while following exam protocols. Proficiency and competency in performing sonographic examinations is a continuous and cumulative process based on the consistent demonstration of accurate scanning skills. Sonography is used to examine many parts of the body, such as the abdominal organs, heart, superficial structures, reproductive systems, and blood vessels throughout the body. Graduates find work in hospitals, physician offices, outpatient clinics and mobile services.

Risk Management Requirements

Immunizations: (documentation is required after acceptance into the DMS program)

Required: MMR, Varicella, Tdap, Yearly TB Status, Seasonal Flu, and Covid-19 including booster

Recommended: Hepatitis B

CPR: Certification is not to expire while in the program

Background check - Yes, After acceptance into the DMS Program

Drug screen - Yes, After acceptance into the DMS Program

Safety Exams: HIPPA, OSHA, HazMat, - After acceptance into the DMS Program

Sonography Shadow experience: After acceptance into the DMS Program

Physical Exam

Clinical or Fieldwork Expectations

Travel: Students should expect distant travel, up to 2.5 hours one-way

Cost: Students should expect an average fuel cost of \$1,100 for the duration of the program

Work: clinical ratio. 1:1 student to instructor ratio

Other: Exposure to blood borne pathogens and infectious diseases

Physical Demands: Medical Sonographer Physical Demands:

Use their hands to handle, control, or feel objects, tools, or controls.

Repeat the same movements.

Bend or twist their body.

Sit for long periods of time.

Stand for long periods of time.

See details of objects that are less than a few feet away.

Speak clearly so listeners can understand.

Understand the speech of another person.

Make quick, precise adjustments to machine controls.

Hold the arm and hand in one position or hold the hand steady while moving the arm.

Use one or two hands to grasp, move, or assemble objects.

Use fingers to grasp, move, or assemble very small objects.

Move two or more limbs together (for example, two arms, two legs, or one leg and one arm) while remaining in place.



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Program Recommended Study Habits

Rigor – DMS students can expect to spend 40 hours a week studying.

Assessment types: Assignments, exams and demonstrations of skills

GPA minimums: Average GPA of candidates accepted into the program is a 3.5

Average ACT Composite Score of candidates accepted into the program is a 23

Other – Successful DMS students have established solid study skills with dedicated time/place for study

Ways to Maximize Competitiveness of Application

Past cohorts' data on acceptance and application scoring

High College GPA

High Composite ACT Score

Demonstrate Professionalism during interview process

Other



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