DIAGNOSTIC MEDICAL SONOGRAPHY
Workforce Development Degree

Program Description:
The DMS AAS degree program is designed to prepare students with the necessary skills to be employed as a sonographer in a variety of clinical settings. Instructional methodologies will be based on the latest technology and will reflect current professional practice standards, and once eligible the student will sit for the American Registry of Diagnostic Medical Sonography examinations.

The field of diagnostic ultrasound, or medical sonography, utilizes high frequency sound waves to image and evaluate organs and soft tissue structures of the body. The diagnostic medical sonographer is a skilled person qualified by academic and clinical education to perform sonographic examinations under the supervision of a qualified physician. The sonographer performs a variety of diagnostic examinations to include evaluations of the brain, abdomen, peripheral blood vessels, and studies of the pregnant and nonpregnant female patient, and has a unique and vital role in the diagnostic process. The profession continues to offer many excellent opportunities for employment.

Procedure for Application:
1. Applications are available through the Allied Health Services Division. Submit completed program application form and required materials by April 1 to the Allied Health Services Division located in the Alfred M. Phillips Building, room MP458, 909 South Boston, Tulsa, OK 74119.
2. All prospective Diagnostic Medical Sonography program students must complete an application for enrollment to the College, submit their high school transcripts, ACT scores and previous college transcripts to the Metro Campus Registrar at 909 South Boston, Tulsa, OK 74119. Incomplete submissions will not be considered for admission into the Diagnostic Medical Sonography Program.
3. Acceptance to Tulsa Community College does not guarantee admission to the Diagnostic Medical Sonography Program.
4. All program prerequisites must be completed by the end of the spring semester in which the student is applying. These prerequisites are:
   • BIOL 1314 Anatomy and Physiology
   *ENGL 1113 Composition I
   *MATH 1513 College Algebra
   ALDH 1013 Applied Medical Physics
5. Eligible applicants to be interviewed for consideration for admission into the Diagnostic Medical Sonography Program will be notified by mail or email. All interviewed applicants will be notified by mail regarding their selection status.
6. In order to enroll in courses that include a clinical component and are part of the program degree plan, students must receive clearance on a criminal background check, including sex offender registry. Potential students need to be aware that drug testing and immunization clearance is a requirement for participation in all clinical components.

Degree Awarded: Associate in Applied Science
For More Information Contact:
The Allied Health Services Division, 918-595-7002

General Education Requirements Credit Hours: 18
Communication 6 hours
COMM 1113 Public Speaking
*ENGL 1113 Composition I

Mathematics 3 hours
*MATH 1513 College Algebra

Psychology 3 hours
Select one course from the following:
PSYC 1113 Introduction to Psychology
PSYC 2323 Conflict Resolution

Social Science 6 hours
POLS 1113 American Federal Government
and select one course from the following:
HIST 1483 U.S. History 1492 to Civil War Era
HIST 1493 U.S. History Civil War Era to Present

Specialized Course Requirements Credit Hours: 53
Biology 4 hours
+BIOL 1314 Human Anatomy and Physiology

Diagnostic Medical Sonography 43 hours
^DMS 1002 Introduction to Diagnostic Medical Sonography
^DMS 1103 Acoustical Physics and Instrumentation I
^DMS 1213 Acoustical Physics and Instrumentation II
^DMS 1223 Abdominal Sonography I
^DMS 1224 Neurosonography and Small Parts Sonography
^DMS 1233 OB/GYN Sonography I
^DMS 1242 Sonography Clinical Practice I
^DMS 1252 Sonography Clinical Practice II
^DMS 2035 Sonography Clinical Practice III
^DMS 2101 Medical Communication
^DMS 2123 Abdominal Sonography II
^DMS 2131 Ultrasound Seminar
^DMS 2133 OB/GYN Sonography II
^DMS 2148 Sonography Clinical Practice IV

Medical Terminology 3 hours
ALDH 1323 Medical Terminology

Physics 3 hours
+ALDH 1013 Applied Medical Physics

Total Credit Hours: 71
*Course has prerequisite (See course description section of catalog).
^Course must be completed with a “C” or above
+Prerequisite to Diagnostic Medical Sonography Program.

General education requirements can be found at: www.tulsacc.edu/gened