Diagnostic Medical Sonography (HSC.DMS.AAS)

Extended Degree - Associate in Applied Science

Health Sciences

Southfield Campus

The Diagnostic Medical Sonography program leads to an Associate in Applied Science Degree and is designated as an Extended Degree Program in that students must complete a minimum of 89 or more required credit hours. The program prepares selected individuals through theory and clinical experiences to practice as a Diagnostic Medical Sonographer in a variety of health care settings. Successful completion of the program requirements qualifies the student to apply to write the national credential examination offered by the American Registry of Diagnostic Medical Sonographers. Satisfactory achievement on this examination qualifies the graduate to practice as a Registered Diagnostic Medical Sonographer, (RDMS).

Registered Sonographers who are already RDMS, but do not have a college degree, may enroll in the required supportive and general education courses as outlined in the College catalog. Applicants will be granted a degree upon successful completion of the requirements.

The course of study combines general education in the humanities, biological and behavioral sciences with instruction in the theory and practice of sonography.

Program Admission Procedures

Students must first be admitted to the college and designate diagnostic medical sonography applicant (HSC.DMS.AAS) as their curriculum. Once accepted into the program, the program designation will change to diagnostic medical sonography (DMS.AASX). Admission to the College does not guarantee admission to the Sonography program. Each year a limited number of students are admitted to the program through a selection process. Applicants meeting the minimum academic requirements are not guaranteed admission.

Basic admission requirements include

- Filing an application with Royal Oak Counseling for admission to the Diagnostic Medical Sonography program by the end of Fall semester (December) of the year preceding intended enrollment in the program.
- High school diploma or completion of GED.
- Declaration of Diagnostic Medical Sonography (HSC.DMS.AAS) as the designated curriculum choice.
- Completion of **ALL** required supportive courses with a grade of 'B' or higher.
- Completion of General Education requirements with a grade of 'B' or higher.
- HESI admission assessment (A2) exam completed at OCC. Score in the 75th percentile or higher on both the Reading Comprehension and Anatomy exams, achieved in the same testing session. Two retakes are permitted; fee for each attempt. Must wait six months from second retake date to attempt exam for a third time.
- Attendance at a scheduled record review session.

Students who meet the basic eligibility admission requirements and apply by the deadline will be included in the selection process. All requirements must be completed by the end of **Fall semester** (December) of the year preceding intended enrollment in the Diagnostic Medical Sonography program. Students who are accepted into the program will be notified in writing no later than **May 31st.**

Students must obtain a grade of "C" (2.0) or better in all DMS (Sonography) courses for an associate in applied science.

In order to apply to take the national credential exam administered by the American Registry of Diagnostic Medical Sonographers, students must successfully complete all requirements of the program.

The Diagnostic Medical Sonography program is approved by the Commission on Accreditation of Allied Health Education Programs.

A mandatory criminal history check with fingerprinting and drug screening will be conducted on all students selected to the Diagnostic Medical Sonography Program, prior to the start of the program, at the student's expense.

1. Conviction of a felony or conviction of any attempt to commit a felony within the 15 years immediately preceding the date of the criminal history check; or
2. Conviction of a misdemeanor within the 10 years immediately preceding the criminal history check, and/or a positive drug screen will preclude eligibility for admission.

In addition to the regular tuition, Sonography students incur extra costs including, but not limited to; liability insurance, health examination, uniforms, required vaccinations, travel, and certification fees. For details contact **(248) 233-2916**.

Diagnostic Medical Sonography program webpage

Full Time - Diagnostic Medical Sonography program plan example

Code	Title	Credit Hours
Major Requirements		
DMS 1000	Orientation to Sonography	3
DMS 1010	Fundamentals of Sonography	4
DMS 1020	Cross-Sectional Anatomy	4
DMS 1030	Sonography Lab I	2
DMS 1040	Sonography Lab II	2
DMS 1050	Sonography Lab III	1
DMS 1100	Sonography Principles and Instrumentation I	3
DMS 1110	Sonography Principles and Instrumentation II	2
DMS 1200	OB Pathological Imaging	3
DMS 1220	GYN Pathological Imaging	2
DMS 1300	Abdominal Pathological Imaging	3
DMS 1420	Sonography Practicum I	4

DMS 2200	Advanced Sonography		2
DMS 2400	Sonography Practicum II		8
DMS 2420	Sonography Practicum III		8
DMS 2430	Sonography Practicum IV		4
Required Supportive Courses			
BIO 2630	Human Anatomy and Physiology I		4
BIO 2640	Human Anatomy and Physiology II		4
ENG 1510[1]	Composition I		3-6
or ENG 1510E	Composition I Enhanced	4	
or ENG 1510S	Composition I with Support	6	
MAT 1560[1, 2]	Trigonometry		3
MDA 1103	Medical Terminology		3
PHY 1610[1, 3]	College Physics I		4
PSY 2510[1]	Introduction to Psychology		3
Complete one of the following ENG courses:			3-4
ENG 1520[1]	Composition II	3	
or			
ENG 2200[1]	Professional Communication	4	
Recommended Electives			
MDA 1350	Medical Law and Ethics		3
Total Credit Hours for Program-Related Courses			**82-83**
General Education Requirements			
Communication / English (3-credits)			
Satisfied			
Fine Arts / Humanities (3-credits)			3
Complete 3 credits from Fine Arts/Humanities courses listed in the General Education Distribution List (http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#fine-arts-humanities)			
Mathematics / Science (3-credits)			
Satisfied			
Social Science (3-credits)			
Satisfied			
Written Communication (3-credits)			
Satisfied			
Total Credit Hours			**85-89**

1 Course may be used to meet General Education requirements.
2 May substitute MAT 1630 or MAT 1730 for MAT 1560.
3 Students taking PHY 1610 should take MAT 1560 or MAT 1630 prior to PHY 1610.

A minimum cumulative 2.00 grade point average (GPA) overall is required for graduation.