

Diagnostic Medical Sonographer Technology (DMST), Associate of Science Degree

<p>Program Description: The Diagnostic Medical Sonographer Technology Program will provide the students the knowledge and skills necessary to acquire the technical competencies to function as an entry level Diagnostic Medical Sonographer. The curriculum that is followed in this program complies with the National Educational Curriculum for Sonography (NEC) outline and accreditation agencies to provide the competency-based, outcome-oriented, didactic, laboratory, and clinical experience as it relates to the general concentration which includes Abdomen, obstetrics and gynecology (OB/GYN). (As of Fall 2020)</p>		
GRADUATION REQUIREMENTS (A MINIMUM OF 84 CREDITS)		
General Education Requirements (33 Credits)		Credit Hours
SLS 1501	College Study Skills (Mandatory for all new students)	0
COMMUNICATIONS (6 CREDITS)		
ENC 1101	English Composition I **	3
SPC 1017	Fundamentals of Oral Communication	3
HUMANITIES (3 CREDITS)		
PHI 1635	Biomedical Ethics (recommended)	3
BEHAVIORAL / SOCIAL SCIENCE (3 CREDITS)		
PSY 1012	General Psychology	3
NATURAL SCIENCES (14 CREDITS)		
HSC 1531	Medical Terminology	3
BSC 1085C	Anatomy & Physiology I	4
BSC 1086C	Anatomy & Physiology II	4
PHY 1100C	General Physics I	3
MATHEMATICS (3 CREDITS)		
MAC 1105	College Algebra I **	3
COMPUTERS (4 Credits)		
CGS 1030	Introduction to Information Technology	4
SONOGRAPHY PREREQUISITES (9 CREDITS)		
SON 2000	Introduction to Sonography and Patient Care	1
SON 2000L	Introduction to Sonography and Patient Care Lab	1
SON 2113	Cross Sectional Anatomy	3
SON 2614	Ultrasound Physics and Instrumentation I	1

SON 2614L	Ultrasound Physics and Instrumentation I Lab	1
SON 2618	Ultrasound Physics and Instrumentation II	1
SON 2618L	Ultrasound Physics and Instrumentation II Lab	1
CORE REQUIREMENTS (42 CREDITS)		Credit Hours
Semester 1		
SON 2116	Abdominal Sonography I	3
SON 2116L	Abdominal Sonography I Lab	1
SON 2128	Obstetrics and Gynecology I	3
SON 2128L	Obstetrics and Gynecology I Lab	1
SON 2144	Small Parts	1
SON 2144L	Small Parts Laboratory	1
SON 2962L	Ultrasound Physics Capstone	1
Semester 2		
SON 2118	Abdominal Sonography II	3
SON 2118L	Abdominal Sonography II Lab	1
SON 2182	Obstetrics and Gynecology II	3
SON 2182L	Obstetrics and Gynecology II Laboratory	1
SON 2400	Introduction to Echocardiography	1
SON 2400L	Introduction to Echocardiography Laboratory	1
SON 2145	Neonatal And Pediatric Sonographic Applications	1
SON 2961L	Abdominal Ultrasound Capstone Review	1
Semester 3		
SON 2807	Clinical Practicum in Ultrasound I	8
SON 2171	Introduction to Vascular Sonography	1
SON 2171L	Introduction to Vascular Sonography Laboratory	1
Semester 4		
SON 2817	Clinical Practicum in Ultrasound II	8
SON 2930	Special Topics in Sonography	0
SON 2960L	Obstetrics and Gynecology Capstone	1

This program is not designed for transfer to a senior institution.