

Diagnostic Medical Sonography Program Information and Clinical Obligations

Program Schedule

Students are admitted to the Diagnostic Medical Sonography Program on a competitive basis as clinical space is limited. Once selected and admitted into the Diagnostic Medical Sonography Program, students attend classes, labs, and clinicals for 5 consecutive semesters. Students must complete courses in sequence in the 5 semesters as assigned. Program class, lab, and clinical schedules range from 20 to 39 hours per week typically between the hours of 7:00 am to 7:00 pm Monday through Friday. However, there are evening and weekend clinical schedules available. Clinical education centers and course schedules will be assigned by program officials. Students may not request clinical education centers or schedules.

Program Immunization, Health and CPR Requirements

After selection but prior to admission, students selected for any of the medical imaging programs are required to submit a physical exam prior to admission. This physical exam must be consistent with the requirements of the teaching hospitals and agencies the student is assigned during clinical assignments and the performance standards required to function as a student imaging technologist ([Core Performance Standards](#)). The exam will also include documentation of any communicable diseases along with immunity to Rubella, Measles, Mumps, Varicella, and Hepatitis B. Additionally, completion of an updated Tetanus vaccine, an annual TB screening, and a seasonal flu vaccine are required. Some clinical education centers are requiring the COVID-19 vaccination.

In addition to meeting all other requirements, a criminal background check and drug and alcohol screening are required for all health science students attending medical imaging courses and are required prior to admission to the program. Students entering a medical imaging program will also be required to show proof of health insurance and current CPR (American Heart Association-BLS) certification.

After selection but prior to admission students purchase and utilize Castlebranch to complete background checks and drug and alcohol screening as well as store and maintain immunizations, titers, CPR, and health insurance documentation. It is the student's responsibility to ensure all requirements are maintained and current. Failure to complete requirements prior to expiration may jeopardize the student's clinical education assignment or placement.

External Learning Experience Requirements

Students enrolling into San Jacinto College programs with external learning experiences (i.e., clinical, practicum, externship, cooperative, etc.) will be required to comply with the immunization requirements and policies of the clinical/external learning sites to engage in all clinical/external learning experiences. Vaccination requirements at clinical/external learning sites are implemented pursuant to the independent authority of such facilities and are not mandated by San Jacinto College. Failure to meet the immunization requirements mandated by clinical/external learning sites may limit a student's ability to complete the program and/or may delay the student's graduation date. San Jacinto College does not process exemptions, and students should address potential vaccination exemptions directly with the clinical/external learning site.

Program Professional Appearance Requirements

Diagnostic Medical Sonography Program students are required to present themselves in a professional manner on campus and at the clinical education centers. Uniforms are required for on-campus and clinical education activities. Uniforms are purchased through the approved vendor prior to starting courses, labs and clinics.

Clinical Education Promptness and Attendance Requirements

Clinical attendance, promptness, and participation are required for a student to be successful in the Diagnostic Medical Sonography Program. Absences are considered unexcused except in the rarest of circumstances such as military service or court ordered subpoena to serve as a witness. Any other emergencies must be approved by the Program Director. Tardiness and leaving early from the clinical education center are not permitted. Continued tardiness and/or leaving early may result in probation, suspension, or dismissal from the program. Students purchase and utilize Trajecs Clinical reporting system for clinical attendance documentation and competency completion.

Clinical Education Sites

While in the Diagnostic Medical Sonography Program, program officials will assign students to Hospital and Clinical Affiliates for clinical education. Students are assigned to different facilities each semester. The San Jacinto College Diagnostic Medical Sonography Clinical Education Centers include the following:

HCA Healthcare Southeast
4000 Spencer Highway
Pasadena, TX 77504

Memorial Hermann Southeast
11800 Astoria Blvd.
Houston, TX 77089

Memorial Hermann Pearland
16100 South Freeway
Pearland, TX 77584

Methodist Clear Lake Hospital
18300 Methodist Drive
Nassau Bay, TX 77058

Houston Methodist Baytown Hospital
4301 Garth Road
Baytown, TX 77504

UTMB- Galveston
301 University Blvd
Galveston, Tx 77555

HCA Healthcare- Mainland
6801 Emmett F Lowry Expressway
Texas City, Texas 77591

Memorial Hermann Northeast
18951 N Memorial Dr
Humble, Texas 77338

HCA Healthcare- Pearland
11100 Shadow Creek Parkway
Pearland, Texas 77584

Kelsey Seybold Clinic-Clear Lake
1010 S Ponds Dr.
Webster, TX 77598

CHI St. Luke's Health Patients Medical Center
4600 East Sam Houston Pkwy South
Pasadena, TX 77505

Kelsey Seybold Clinic-Pasadena
5001 East Sam Houston Pkwy S
Pasadena, TX 77505

Kelsey Seybold Clinic-Pearland
2515 Business Center Dr.
Pearland, TX 77584

HCA Healthcare Clear Lake
500 Medical Center Blvd.
Webster, TX 77598

Houston Methodist Hospital
6565 Fannin Street
Houston, TX 77030

HCA Healthcare- Kingwood
22999 US Highway 59 North
Kingwood, Texas 77339

UTMB – League City
2240 Gulf Freeway
League City, Texas 77573

Core Performance Standards for Admission and Progression

Below are listed the performance standards for the Diagnostic Medical Sonography Program. You should read these standards carefully and be sure you can comply with them. The Diagnostic Medical Sonography Program expects all applicants for admission to possess and be able to demonstrate the skills, attributes, and qualities set forth below. Accepted students must continue to comply with the Core Performance Standards while enrolled in the Diagnostic Medical Sonography Program.

FUNCTIONAL ABILITIES	STANDARD	EXAMPLES <i>Relevant activities provided in this document are not inclusive, but simply suggestive</i>
MOTOR SKILLS	Physical ability sufficient to move from room to room, maneuver in small places, and physical health stamina needed to carryout sonographic procedures.	Manipulate and adjust sonographic equipment into proper position for ultrasound procedures, including fixed and mobile units. Operate the ultrasound machine for manipulation of technical factors and identification of anatomic structures. Position patients for various procedures.
MOBILITY & PHYSICAL ENDURANCE	Physical ability sufficient to move from room to room, maneuver in small places, and physical health stamina needed to carry out sonographic and other medical procedures.	Move about in ultrasound room, work spaces and patient rooms; administer cardiopulmonary procedures if warranted. Lift, move, and transport patients (from bed to wheelchair/stretchers and from wheelchair; stretchers to ultrasound table) without causing pain or discomfort to patient or one's self. Stand or walk for extensive periods of time, including during sterile or operating room settings. Transport mobile equipment in a timely and cautious manner.
SENSORY	Sufficient use of the senses of vision, hearing, touch, and smell to observe, assess and evaluate effectively (both close at hand and at a distance) in the classroom, laboratory, and clinical setting	Hear monitor alarms and emergency signals. Hear and understand patients and other healthcare providers. Observe patient responses. Assess changes in patient color and skin texture. Perform palpation for positioning of patient.
COGNITIVE	Cognitive ability to remember previous learned materials. Ability to comprehend written and verbal information. Ability to apply learned material in new and concrete situations. Ability to organize and synthesize facts and concepts	Remembrance of previous learned materials. Comprehension of written and verbal information. Application of learned materials in new and concrete situations. Ability to organize and synthesize facts and concepts.
INTERPERSONAL	Interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, cultural, and intellectual backgrounds.	Interact with patients, family, and other healthcare professionals. Function as part of a team.
CRITICAL THINKING	Critical thinking ability sufficient for clinical judgment; sufficient powers to intellect to acquire, assimilate, integrate, and apply information and solve problems.	Recognize and correct problems that may affect the outcome of sonographic procedures; assess the patient and determine priorities for care during procedures; respond with precise, quick, and appropriate actions in an emergency situation. Evaluate sonographic images in relation to technical factors, image quality, and proper imaging of anatomical parts.
BEHAVIORAL	Possess and exhibit sufficient cognitive equilibrium, motivation, and flexibility to environments Utilize and exercise professional conduct and behavior	Appropriate behavioral responses include but are not limited to: Acceptance of possible changes in client behavior/response or health status and ability to demonstrate caring/empathetic responses to client behavior. Acceptance of assignment/schedule changes in the classroom, practice laboratory, and clinical setting. Compliance with all college/agency policies. Ability to respond appropriately to constructive criticism and direction from faculty/agency staff during the learning experience. Adapt to a progressive increase in classroom/clinical workload, clinical responsibilities, and patient assignments. Ability to organize tasks in order to utilize time in an effective manner. Ability to perform skills while under stress. Professional behavior and decorum for all activities related to college duties and program is mandatory.
COMMUNICATION	Abilities sufficient for interaction with others in verbal and written form.	Explain procedures and give effective instruction to patient, document patient history and all pertinent information. Communicate information effectively to other healthcare providers. Evaluate written requisitions.