



FOOTHILL COLLEGE DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM APPLICATION

NAME: _____
Last First Middle

Foothill Student **CWID Number (required):** _____

If you don't have a FH ID number, you will need to register at: <http://www.foothill.edu/admissions.php>

There is no cost involved to register for the college.

Please list any other name(s) by which you have been known:

Address City State Zip

Home Phone Cell Phone

Valid Email Address: _____

Have you previously applied to the Foothill College Diagnostic Medical Sonography Program? Yes No

Indicate year(s) of previous applications: _____

Have you previously attended any Diagnostic Medical Sonography Program? Yes No

If yes, list the school and the reason you left the program: School Name: _____

Reason: _____

PRIOR EDUCATION

High School from which you graduated: _____ Year: _____

Please list the name, starting and ending dates, and any degrees or certificates, for all colleges, universities, technical and vocational schools attended. You must include colleges in which courses were attempted although they may not have been completed: **Do not leave this area blank.**

| | Name Of School | City and State | Dates Attended | Degree/s Received |
|---|----------------|----------------|----------------|-------------------|
| 1 | | | | |
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FOOTHILL COLLEGE DIAGNOSTIC MEDICAL SONOGRAPHY WORKSHEET

PREREQUISITE COURSES MUST BE COMPLETED WITH A "C" GRADE OR HIGHER: (Please provide complete information in each category)
 *All prerequisites and coursework must be completed, prior to applying. **Complete this form using information exactly as it appears on your official transcript.**

| | Course Completed (Ex: MATH 49) | College | Semester or Quarter Units? | Year Earned | Grade | Yes / No |
|--|--|--------------------------|-----------------------------------|--------------------|--------------|-----------------|
| Accredited U.S. Allied Health Program with direct patient care (of 2 or more years) | | | | | | |
| Or BS degree in Science w/ preferred direct patient care experience. Ex. Reg Nurse, Kinesiology, Veterinary Technology or Biological Sciences from an accredited institution in the United States | | | | | | |
| Anatomy/ Physiology with labs (BIOL 40A), or a semester of Anatomy and a semester of Physiology | | | | | | |
| Anatomy/ Physiology with labs (BIOL 40B), or a semester of Anatomy and a semester of Physiology | | | | | | |
| Anatomy/ Physiology with labs (BIOL 40C), or a semester of Anatomy and a semester of Physiology | | | | | | |
| College General Physics (Radiology Physics is acceptable) Physics 2A (or equivalent) | | | | | | |
| Intermediate Algebra or higher level college math or placement test - if using HS AP score of 3 or higher, test results must be attached. | | | | | | |
| English 1, 1H, 1S & 1T (Composition & Reading) or equivalent - Completed with a grade of "C" or higher | | | | | | |
| AHS 52 or AHS 200 or ANY Medical Terminology course 3 quarter units, or 2 semester units or more, with a grade of "C" or higher. | | | | | | |
| College Cumulative GPA 2.5 or above (List GPA) | | | | | | |
| Minimum Cumulative Science GPA of 2.5 or higher. - (Anatomy/ Physiology and Physics) | Yes <input type="radio"/> | No <input type="radio"/> | | | | |

Have you completed the above prerequisites? Yes No (You **must** complete them before starting the program)

Are you interested in receiving ONLY the certificate in Diagnostic Medical Sonography? Yes No

(If no, you must meet the General Education requirements listed below, prior to graduation, to be eligible to receive an Associate's Degree in Diagnostic Medical Sonography.)

GENERAL EDUCATION REQUIREMENTS

All General Education courses must be completed to earn the Associate of Science degree in Diagnostic Medical Sonography. General Education courses are not required to sit for the Abdomen (AB), Obstetrics Gynecology (OB/Gyn), and Sonography Principles and Instrumentation (SPI), which are required to obtain the American Registry Diagnostic Medical Sonography (ARDMS) credential. The ARDMS is required for licensure in California. Due to the rigorous course load during the Diagnostic Medical Sonography Program, it is **strongly recommended** that all applicants seeking the AS degree, complete their General Education courses prior to beginning the program.

There are 4 ways to satisfy the General Education Requirements, **choose one only**:

1. AA or AS from a California community college (GE waived). **(Move on to the next page.)**
2. BA or BS Degree from an accredited U.S. College or University (GE waived). **(Move on to the next page.)**
3. You do not have a college degree as listed above, but you have completed all GE courses (attach CA Community College General Education completion certification from the college where you completed the coursework). **(Move on to the next page.)**
4. You have not completed a college degree, but you have completed the following GE courses:

If you indicated number 4 above, you must fill in the table below with the GE coursework you have completed to date or is in progress. Please provide complete information in each category. See Foothill College Catalog & Diagnostic Medical Sonography Curriculum Sheet for help.

If you indicated numbers 1, 2, or 3 above, leave this area blank and continue on to the next page.

| General Education Associate Degree & Other Required Courses: | Course # | College | Sem/Qtr | Year (YY) | Units | Grade |
|--|----------|---------|---------|-----------|-------|-------|
| AREA 1A - ENGLISH COMPOSITION | | | | | | |
| AREA 1B - ORAL COMMUNICATION AND CRITICAL THINKING | | | | | | |
| AREA 2 - MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING | | | | | | |
| AREA 3 - ARTS & HUMANITIES | | | | | | |
| AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES | | | | | | |
| AREA 5 - NATURAL SCIENCES | | | | | | |
| AREA 6 - ETHNIC STUDIES | | | | | | |
| AREA 7 - LIFELONG LEARNING (HLTH 21 recommended) | | | | | | |

ALLIED HEALTH EDUCATION: There are different ways to satisfy the prerequisite Allied Health Program requirement as well as the GE requirements. See Foothill College Catalog & DMS Program Curriculum Sheet for additional information about general education requirements for the degree offering.

Please check **one** of the following four descriptions, which best describes your background.

| | | |
|--------------------------|--|---|
| 1. <input type="radio"/> | AA or AS in an Allied Health Profession* | Ex. AS degree Radiology Technology, Registered Nurse, Respiratory Therapy Programs, etc. Must have direct patient care. |
| | List College Name & City/State | Degree Title & Year granted |
| 2. <input type="radio"/> | BA or BS* in an Allied Health Profession (GE is Waived) or similar educational process taught in English with 1+ years full-time clinical experience in sonography. | Ex. BA, BS degree Radiology Technology, Registered Nurse, Respiratory Therapy Programs, etc. Must have direct patient care. Or BA, BS with direct patient care experience such as but not limited to Primary Care, Veterinary Technology, or similar. |
| | List College Name & City/State | Degree Title & Year granted |
| 3. <input type="radio"/> | AA, AS, BA and/ or BS & Plus Certificate of Completion | Ex. College Degree plus Certificate in 2 year or more Radiology Technology, Registered Nurse, Respiratory Therapy Programs, etc. Must have direct patient care. |
| | List College Name & City/State and Name, City & State of Certificate | Degree Title & Years granted |
| 4. <input type="radio"/> | Certificate of Completion from a qualified accredited two year Allied Health Program in the U.S. | Ex. 2 year hospital based Radiology Technology, Registered Nurse, Respiratory Therapy Programs, etc. Must have direct patient care. |
| | List College Name & City/State | Degree Title & Year granted |

WORK EXPERIENCE: Paid/volunteer work in which you have been involved during the past 5 years. List most recent first.

| Name & Address Phone | Position/ Title | Paid or volunteer | Part-time or full-time + Hrs/week | Beginning and ending dates of employment | *FTE: Length of employment yrs/mos |
|---|-----------------------------------|----------------------|---------------------------------------|---|--|
| <i>For example: Mt Olympus Hosp. 12 Everest St. San Jose, CA 95602 408 295-4932</i> | <i>Radiology Technologist</i> | <i>Paid work</i> | <i>Part-time: 20 hrs per week</i> | <i>Jan. 1, 2006 – March 1, 2014</i> | <i>7 years 2 months</i> |
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* Full time equivalent (FTE) is equal to 2,080 hours per year.



TECHNICAL STANDARDS FOR THE FOOTHILL COLLEGE

DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM

The field of Diagnostic Medical Sonography is physically, mentally, and emotionally challenging. In the interest of your personal safety, the safety of your patients, coworkers, and the potential liability to the college, there are significant requirements that must be met before your admission to the program is finalized. All students must meet the essential skills and technical standards to perform functions required in the diagnostic medical sonography program and profession. Please read this form carefully and check each technical issue standard if you can comply with the standard.

The technical standards for admission identify the physical, mental, and emotional capabilities and abilities considered essential for students admitted to the Diagnostic Medical Sonography Program in order to achieve the level of competency required for completion/graduation and practice. These standards include the minimum tasks performed by graduates of the program as recommended by the Society of Diagnostic Medical Sonography. All students admitted to the DMS Program are expected to be able to demonstrate the abilities specified below.

| Issue | Description | Standard | Examples of necessary action | ✓ |
|------------------------------|--|--|--|--------------------------|
| Hearing | Use of auditory sense | Auditory ability sufficient to monitor & assess patient health needs. | Ability to hear & verbally respond to patient questions & directions from instructors, students, staff in person or over the phone, hear blood pressure. To react quickly in emergencies. Ability to hear and distinguish the various audible sounds during the performance of the examination. | <input type="checkbox"/> |
| Visual | Use of sight | Visual ability sufficient for observation & assessment necessary to provide patient care. | Perform the required procedures, chart identification & recording, equipment function keys & technique, sterilization. View, evaluate, read reports, image data. Interpret medical images, techniques & quality. Able to see the range of shades of gray and colors. Assess for technical quality and identification of pathology. | <input type="checkbox"/> |
| Tactile | Use of touch | Tactile ability sufficient for physical assessment and restraint, operation of instruments & equipment. | Perform the required techniques in the acquisition of images using transducers, examination of the body. Use of sterile equipment. | <input type="checkbox"/> |
| Mobility and strength | Physical ability, strength & stamina | Physical abilities & stamina sufficient to perform required functions of diagnostic care. | Lift, carry or move objects weighing up to 45 pounds. Move objects up to 500 lbs. Stand, rotate, push, pull, sit, bend, flex, squat & torso. Reach to or above shoulder level. Able to transport patients in wheelchairs, gurney's/stretchers. | <input type="checkbox"/> |
| Motor skills | Physical ability, coordination, dexterity | Gross & fine motor abilities sufficient to provide safe & effective patient care. | Execute hand and finger motor movements required to safely perform diagnostic medical sonography services. Perform sonography examinations and procedures according to established standards | <input type="checkbox"/> |
| Communication | Speech, reading, writing. Effective use of English language. Communication abilities sufficient for effective interaction in verbal, nonverbal, and written form | Comprehension & accurate recall of verbal & written communication. Interaction with clients, families, students, instructors, physicians & staff. Effectively understanding verbal & nonverbal behavior. | Concisely & precise explanation of examinations and procedures. Interpret patient's response, documentation following ethical & legal guidelines. Follow directions effectively. Interaction with patients, families, students, instructors, staff, physicians. Able to provide written and oral summary of technical findings to the physician. | <input type="checkbox"/> |
| Interpersonal | Ability to relate to others. Personal responsibility, honesty, integrity, | Abilities sufficient to effectively interact with clients, families, groups & colleagues from a | Establish rapport with patients, families, staff, physicians, instructors, and colleagues. Identify needs of others. Has the ability to plan and implement quality | <input type="checkbox"/> |

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|------------------------------|--|--|---|--------------------------|
| | ethical behavior, trustworthy, and professional. | variety of social, emotional, cultural, intellectual & economic backgrounds. Identify needs of others. | patient care, to assimilate, learn, analyze large amounts of complex technical, and detailed information. Can follow directions effectively. Can be compassionate with the sick and injured. | <input type="checkbox"/> |
| Behavioral | Emotional & mental stability | Functions effectively under stress. Maintains composure & emotional stability during periods of high stress. | Flexible, concern for others. Ability to provide safe environment with multiple interruptions, noise, distractions, unexpected patient needs, stressful situations, emergencies situations. | <input type="checkbox"/> |
| Organizational Skills | Ability to organize | Organized methodology and procedures. | Able to organize and accurately perform the individual steps during an examination or a procedure in the proper sequence. | <input type="checkbox"/> |
| Critical thinking | Ability to problem solve | Critical thinking ability sufficient for clinical judgment. | Identify cause-effect relationships in clinical situations, develop technical skills using critical thinking and established protocols. Respond to situations requiring basic first aid, nursing, and emergency care of the patient. Sufficient academic skills for conceptualization, prolonged concentration, memory, including recall and implementation. Must be able to view the recorded images for the purpose of identifying proper protocol, procedural sequencing, technical qualities and identification of pathophysiology and to perform sonographic examinations and procedures according to established standards. | <input type="checkbox"/> |
| Working environment | Adaptable to variety of working conditions, exposure to potential health hazards | Conditions may require a versatile adaptation to varying environments. | Exposure to loud noise, odors, invasive (bloody) medical, surgical and diagnostic procedures, sharp objects, hazardous chemicals, compressed gasses, pharmaceuticals (including controlled substances), radiation and biohazards during the routine practice of diagnostic care. Work closely with members of the health care community. | <input type="checkbox"/> |

