

DIAGNOSTIC MEDICAL SONOGRAPHY

Create images of internal body structures to aid the physician in making medical diagnoses.



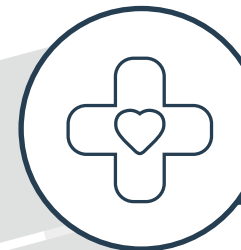
YOU WILL LEARN HOW TO:

- Understand terminology, techniques and protocols utilized in gynecology and obstetrics, vascular and abdominal ultrasound
- Prepare and maintain diagnostic imaging equipment
- Use special equipment to direct sound waves into areas of the patient's body
- Create diagnostic-quality images to aid the doctor in making diagnoses and guiding treatment
- Explain the imaging procedures to patients
- Record pertinent medical history and review lab results



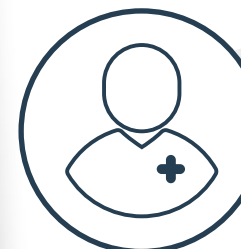
WHAT CAN I DO WITH THIS TRAINING?

- Prepare patients for procedures and review medical histories
- Operate equipment to obtain diagnostic images or to conduct tests
- Review images or test results to check for quality and adequate coverage of the areas needed for diagnoses
- Recognize the difference between normal and abnormal images and other diagnostic information
- Analyze diagnostic information to provide a summary of findings for physicians



WHERE YOU'LL WORK

- Hospitals
- Physicians' offices
- Medical and diagnostic labs
- Outpatient imaging departments
- Free-standing urgent care facilities



CAREER OPPORTUNITIES

- Diagnostic Medical Sonographer
- With 2 or more years' experience:**
 - Applications Specialist
 - Education
 - Independent Contractor
 - Travel Technologist
 - Sales



NURSING

Be at the core of medical care helping patients in various healthcare settings.



YOU WILL LEARN HOW TO:

- Coordinate patient care
- Operate and monitor medical equipment
- Educate patients on health concerns
- Provide advice and support to patients and their families
- Coordinate patient-focused care plans including diagnostic tests and therapeutic treatments
- Perform as a competent entry-level registered nurse by developing professional and soft skills



WHAT CAN I DO WITH THIS TRAINING?

- Record patients' medical histories and symptoms
- Administer patients' medicines and treatments
- Set up patient care plans or contribute to existing plans
- Observe patients and document the observations
- Consult and collaborate with doctors and other healthcare professionals
- Teach patients and their families how to manage illnesses or injuries
- Explain what to do at home after treatment



WHERE YOU'LL WORK

- Hospitals
- Healthcare facilities
- Clinics
- Community health organizations
- Schools
- Long-term care facilities
- In-home health
- Physicians' offices
- Outpatient clinics



CAREER OPPORTUNITIES

- Registered Nurse



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OCCUPATIONAL THERAPY ASSISTANT

Help develop, regain or master everyday skills to live life to its fullest.



YOU WILL LEARN HOW TO:

- Provide treatments to those with physical disabilities or mental illness to achieve greater independence
- Help people regain their independence after an injury
- Focus on the physical, cognitive, psychological and social influences of occupational performance
- Understand medical terminology, anatomy and physiology, psychology, kinesiology, growth and development as they relate to occupational therapy



WHAT CAN I DO WITH THIS TRAINING?

- Provide treatment interventions to infants, children, adults and geriatric patients
- Help and encourage patients to complete therapeutic activities, exercises and other interventions
- Lead children who have congenital/developmental disabilities in play activities that promote skill development and successful participation in age-appropriate occupations that are meaningful to the child and their family
- Manage treatment plans under the supervision of an occupational therapist



WHERE YOU'LL WORK

- Public schools
- Hospitals
- Rehabilitation centers
- Mental health centers
- Skilled nursing facilities
- Nursing homes and other community settings
- Home health services



CAREER OPPORTUNITIES

- Occupational Therapy Assistant
- Occupational Therapist Assistant Educator



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PHYSICAL THERAPIST ASSISTANT

Help patients who are recovering from injuries and illnesses to improve movement and function.



YOU WILL LEARN HOW TO:

- Treat patients through exercise, gait and balance training and other therapeutic interventions as directed within the physical therapist plan of care
- Observe and monitor patients before, during and after therapy, noting the patient's status and reporting it to a physical therapist
- Utilize equipment to help improve patient mobility and function with daily activities



WHAT CAN I DO WITH THIS TRAINING?

- Have direct patient care, helping patients recover from and prevent injuries and illnesses
- Manage tasks that are indirectly related to patient care, such as preparing the treatment area and communicating with other healthcare professionals
- Educate patients, caretakers and other healthcare providers



WHERE YOU'LL WORK

- Offices of physical therapists
- Hospitals
- Nursing care facilities
- Home healthcare services
- Outpatient clinics
- School systems



CAREER OPPORTUNITIES

- Physical Therapist Assistant



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RADIOGRAPHY

Perform diagnostic medical imaging examinations as a healthcare professional.



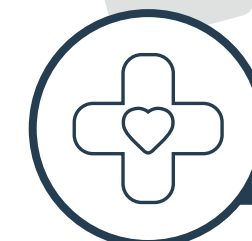
YOU WILL LEARN HOW TO:

- Properly operate imaging equipment
- Read and interpret requisitions from physicians
- Prepare patients for procedures, take medical histories and answer questions about the procedures
- Position the patient and the equipment to provide a diagnostic image
- Operate and understand computerized equipment
- Evaluate and critique images and determine if additional images are needed



WHAT CAN I DO WITH THIS TRAINING?

- Provide diagnostic images for the physician so that a proper diagnosis can be reached
- Conduct examinations and provide radiation safety, radiation protection and basic patient care
- Perform imaging exams such as chest X-rays, fluoroscopic studies, orthopedic procedures and more



WHERE YOU'LL WORK

- Hospitals
- Diagnostic imaging centers
- Urgent care facilities
- Outpatient centers



CAREER OPPORTUNITIES

- Radiologic Technology
- Mammography
- Computed Tomography
- Magnetic Resonance Imaging
- Other Advanced Modalities



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RESPIRATORY THERAPY

Specialize in prevention, diagnosis, treatment, management and rehabilitation of patients with breathing or other cardiopulmonary disorders.



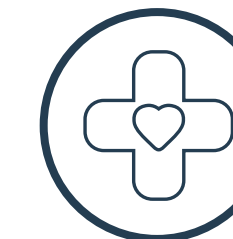
YOU WILL LEARN HOW TO:

- Provide treatment that can range from giving emergency relief to patients with respiratory disorders to long-term care for chronic conditions such as COPD or Cystic Fibrosis
- Manage and master life-saving devices such as mechanical ventilators and non-invasive machines
- Develop the clinical skills to manage respiratory disorders in a variety of patient populations from premature babies to geriatrics
- Administer breathing treatments and other adjunct therapies to improve lung function
- Educate patients about their condition and how to properly use medication and equipment



WHAT CAN I DO WITH THIS TRAINING?

- Monitor, manage and modify life support equipment, including resuscitating patients
- Interview and assess patients with breathing or cardiopulmonary disorders
- Consult with physicians to diagnose lung diseases and develop patient treatment plans
- Perform diagnostics to measure lung function and assess severity of disease
- Be a valuable and active part of the team in end-of-life and palliative care



WHERE YOU'LL WORK

- Hospitals
- Specialty clinics: asthma clinics or cystic fibrosis clinics
- Long-term care facilities
- Pulmonologists' offices
- Sleep labs
- Air and ambulance transport companies



CAREER OPPORTUNITIES

- Respiratory Therapist
- Educator
- Sleep Disorder Specialist
- Pulmonary Function Technologist



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SURGICAL TECHNOLOGY

Prepare operating room, equipment and supplies for surgical procedures, advocate for patient safety and manage sterile field throughout the operative procedure.



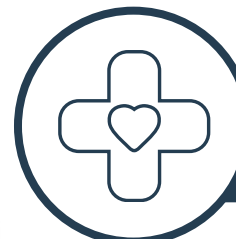
YOU WILL LEARN HOW TO:

- Understand the properties of lasers and physics in the surgical setting
- Prepare surgical robotics and endoscopic equipment for use during surgery
- Facilitate the safe and effective conduct of both invasive and non-invasive surgical procedures
- Interact with a healthcare team and work under the supervision of a surgeon
- Become the go-to person on the surgical team who manages equipment, instrumentation and supplies during surgical procedures



WHAT CAN I DO WITH THIS TRAINING?

- Sterilize equipment, assemble surgical supplies and set up operating room for surgery
- Assist surgical team with patient transport and positioning
- Prepare patients for surgery, such as by washing and disinfecting incision sites
- Help surgeons during surgery by passing instruments and other sterile supplies
- Count supplies, such as sponges and instruments
- Prepare and handle medications used during the operative procedure
- Maintain a sterile environment



WHERE YOU'LL WORK

- Hospitals
- Outpatient surgery centers
- Endoscopy clinics
- Plastic surgery offices
- Medical device company
- Labor and delivery
- Central sterile department



CAREER OPPORTUNITIES

- Surgical Technologist
- Educator
- Laser/Endoscopy Technologist
- Procurement Technologist
- Labor and Delivery Technologist
- Private Surgical Technologist
- Travel Surgical Technologist



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VETERINARY TECHNICIAN

Provide advanced nursing and healthcare for animals.



YOU WILL LEARN HOW TO:

- Administer examination techniques, radiologic, dental and surgical procedures as they relate to veterinary care
- Understand medical terminology, anatomy and physiology
- Build your skills in equine, livestock and lab animal medicine
- Handle birds, reptiles and some exotic mammals
- Prepare animals and instruments for surgery



WHAT CAN I DO WITH THIS TRAINING?

- Provide nursing care or emergency first aid to recovering or injured animals
- Work in emergency animal hospitals
- Assist veterinarian with surgery
- Take and develop X-rays
- Administer medications, vaccines and treatments prescribed by a veterinarian



WHERE YOU'LL WORK

- Clinics
- Hospitals
- Laboratories
- Ranches
- Zoos
- Biomedical or wildlife facilities
- Animal shelters and control facilities



CAREER OPPORTUNITIES

- Veterinary Technician
- Instructor
- Clinic Manager
- Supervisor
- Research Veterinary Technician



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