

# 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



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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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# 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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# 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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