

# 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 ageappropriate 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





# 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

