





Wake Technical Community College's Health Sciences programs offer opportunities to pursue challenging and rewarding careers in health care. As a graduate, you will possess the skills and knowledge to find meaningful employment in hospitals, physician offices, nursing homes, and other health care settings – and to make a difference in the lives of others. Wake Tech has a variety of program options leading to employment in the exciting field of health care services.

Wake Tech is committed to its role as a leader in providing world-class programs that produce competent, effective, health care providers for our community. We are also committed to you, our students, and want you to be prepared for the challenges and rewards of a career in health care. Our faculty and staff model our core values of accountability, respect, responsibility, critical thinking, communication, and collaboration in all our programs and activities.

We encourage you to choose Wake Tech! We will assist you in planning and reaching your academic and career goals. This booklet was designed to help you explore our Health Sciences options and career pathways — and discover the professional role that best fits your interests and abilities.

HEALTH SCIENCES ADMISSIONS CHECKLIST

Wake Tech's Health Sciences programs are highly-regarded and extremely popular. The Health Sciences programs have different admission criteria than other programs, a separate clinical application, and most have limited enrollment. Please note that for Health Sciences programs, grades of "C" or better are required in all program-related curriculum classes (except for Human Services and Health & Fitness Science).

To begin the admissions process for Wake Tech's Health Sciences programs, please complete the steps below.

1. Apply to be a Wake Tech student at apply.waketech.edu
2. If you're new to college and not sure about your major or intended career, visit careers.waketech.edu for self-assessment resources and job outlook information.
3. Attend a mandatory information session if you are applying for one of the following: Nursing, Radiography, Dental Assisting, or Dental Hygiene. Reserve your seat at: hsinfosession.waketech.edu
4. Request official transcripts including high school and/or GED and all previously attended colleges to be sent directly to the Wake Tech Admissions Office.
5. Apply for financial aid at fafsa.ed.gov
Fall application deadline: June 1
Spring application deadline: October 1
Summer application deadline: April 1

After you have completed ALL of these steps, you may meet with a Health Sciences Admissions & Academic Advisor in the Student Services Center, on the Perry Health Sciences Campus or email us at hsadvising@waketech.edu.

No appointment is necessary. Advisors' hours are 8:00 a.m. to 5:00 p.m., Monday through Friday.

To learn more about our Health Science Admissions, please visit our web page at hsadmissions.waketech.edu





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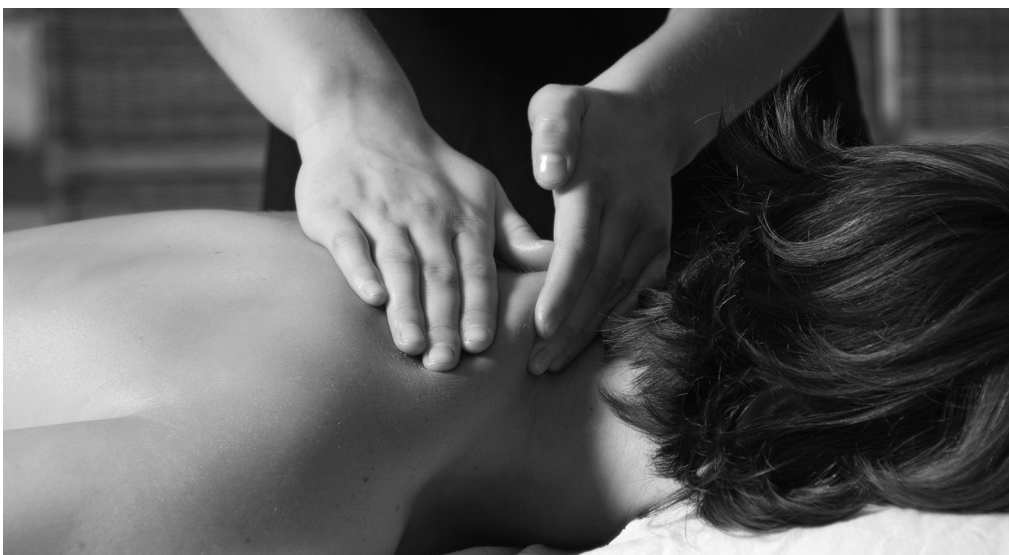
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Therapeutic Massage

Certificate: Two semester program

Massage Therapists provide manual soft tissue manipulation to promote and maintain wellness or treat alterations in health. Coursework includes normal human anatomy and physiology, therapeutic massage, ethical/legal issues, business practices, nutrition, and psychology. Graduates may be eligible to take the Massage and Bodywork Licensing Exam (MBLEx) administered by the Federation of State Massage Therapy Boards. Passing the MBLEx is necessary to apply for a license as a massage therapist in North Carolina.

SKILLS & INTERESTS NEEDED	JOB DUTIES	WORK LOCATIONS
<ul style="list-style-type: none">• Enjoy working with people• Feel comfortable with touch, and with ill or injured clients• Good problem-solving and communication skills	<ul style="list-style-type: none">• Confer with clients about their medical histories to determine how massage will be most helpful• Massage and knead muscles and soft tissues of the body for relaxation and treatment of medical conditions	<ul style="list-style-type: none">• Wellness centers• Spas• Sports clubs• Massage clinics• Rehabilitation centers• Home health• Private practices



*Radiography

AAS Degree: Two-Year Program

Radiographers produce images of all parts of the human body for use in diagnosing and treating illnesses. Radiographers work with patients with various levels of illness and injury. Graduates are eligible to apply to take the American Registry of Radiologic Technologists' national examination for certification. Students need to complete the mandatory information session to complete admission requirements. Reserve your space at hsinfosession.waketech.edu.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> • Enjoy hands-on or manual activities • Good math & science skills • Enjoy helping people • Strong problem-solving and communication skills • Good computer skills | <ul style="list-style-type: none"> • Use radiation to produce images of the human body • Use computerized equipment to process images of the human body • Direct patient care | <ul style="list-style-type: none"> • Hospitals • Clinics • Imaging centers • Physician offices |
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*This is a competitive admissions program that uses a point system when there are more applicants meeting admissions requirements than spaces available. Applicants with the highest number of points will be selected for the available spaces.



Certified Nursing Aide (NAI)

Workforce Continuing Education Class

This course includes basic nursing skills required to provide safe, competent personal care for individuals. Emphasis is placed on person-centered care, the aging process, safety/emergencies, and much more. Upon completion, students should be able to demonstrate knowledge and skills and be eligible to test for listing on the North Carolina Nurse Aide I Registry, www.ncnar.org.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

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| <ul style="list-style-type: none"> • Enjoy helping people • Enjoy working as part of a team • Detail oriented | <ul style="list-style-type: none"> • Assist patient with hygiene needs • Serve meals, make beds, and tidy rooms • Take patient's temperature, pulse rate, respiration rate and blood pressure • Document patient information accurately | <ul style="list-style-type: none"> • Hospitals • Clinics • Doctor offices • Long-term care facilities • Home care |
|--|---|--|



CT/MRI

Diploma: One-Year Program (MRI) | Certificate: Two-Semester Program (CT)

CT/MRI technologists specialize in the use of specialized equipment to visualize cross-sectional anatomical structures and aid physicians in the demonstration of pathologies and disease processes. Applicants for these programs must be registered (or registry-eligible) by the ARRT (American Registry of Radiologic Technologists) as Radiologic Technologists, Nuclear Medicine Technologists, or Radiation Therapists.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

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|--|--|---|
| <ul style="list-style-type: none">• Enjoy hands-on or manual activities• Good math and science skills• Enjoy helping people• Strong problem-solving and communication skills• Good computer skills | <ul style="list-style-type: none">• Use specialized equipment to produce images of the human body from cross-sectional perspective• Direct patient care | <ul style="list-style-type: none">• Hospitals• Clinics• Imaging centers• Physician offices |
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Phlebotomy

Certificate: One Semester

Phlebotomists perform the manual and technical tasks involved in the collection, labeling, and handling of blood samples for laboratory testing. Phlebotomists perform venipunctures, fingersticks, or heelsticks to obtain specimens. Please note that the Phlebotomy program is NOT covered by Financial Aid; however, if you are a Veteran, it is possible your benefits may cover the cost of the program. Please see a Veteran's Benefits specialist for more information. Graduates may be eligible to take examinations given by the Board of Certification of the American Society for Clinical Pathology.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

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| <ul style="list-style-type: none">• Good hand-eye coordination• Enjoy helping people• Attention to detail | <ul style="list-style-type: none">• Assemble equipment needed for drawing blood• Perform venipuncture, finger sticks, heel sticks to obtain blood• Label and store blood samples for processing | <ul style="list-style-type: none">• Hospitals• Clinics• Doctor offices• Laboratories |
|---|---|---|

Note: Because this is a one-semester certificate program, students are not eligible to receive most kinds of financial aid such as the Pell grant.



Pharmacy Technology

AAS Degree: Two-Year Program

The Pharmacy Technology program prepares students to work as pharmacy technicians. Pharmacy Technicians assist pharmacists in preparing medications, making prescribed drug products, mixing intravenous solutions, establishing and maintaining patient records, purchasing pharmaceuticals, and providing direct patient care. The program is accredited by the American Society of Health-System Pharmacists, ASHP.

SKILLS & INTERESTS NEEDED	JOB DUTIES	WORK LOCATIONS
<ul style="list-style-type: none">• Interest in math and science• Enjoy helping people• Good critical thinking skills• Good communication and people skills• Enjoy working as part of a team• Strong organizational skills• Good computer skills	<ul style="list-style-type: none">• Assisting in preparing and compounding medications according to prescriptions and medication orders• Calculate medication dosage• Compound sterile medications, including drug admixtures, IV antibiotics, ophthalmics, total parenteral nutrition and chemotherapy• Use automation and robotics to process and distribute medications	<ul style="list-style-type: none">• Hospitals• Medical centers & clinics• Community pharmacies• Medication therapy management pharmacies• IV & infusion pharmacies• Medication compounding pharmacies• Long-term care pharmacies• Mail order pharmacies• Nuclear pharmacies• Investigational drug pharmacies• Pharmaceutical companies



*Dental Assisting

Diploma: One-Year Program

Dental Assistants help dentists provide quality oral health care, educate patients, take x-rays, prepare and sterilize dental instruments, and perform administrative work. The Dental Assisting Program at Wake Technical Community College is accredited by the American Dental Association and therefore a graduate is classified as a DA II by the North Carolina State Board of Dental Examiners. Graduates are eligible to take the Dental Assisting National Board Examination to become Certified Dental Assistants. Students need to complete the mandatory information session to complete admission requirements. Reserve your space at hsinfosession.waketech.edu.

SKILLS & INTERESTS NEEDED	JOB DUTIES	WORK LOCATIONS
<ul style="list-style-type: none">• Ability to work as part of a team• Enjoy hands-on patient care• Good problem-solving and communication skills• Fine-motor skills	<ul style="list-style-type: none">• Review patient's health history• Obtain dental radiographs• Perform advanced functions	<ul style="list-style-type: none">• Dental offices• Public health departments• Hospital dental clinics• Dental schools

*This is a competitive admissions program that uses a point system when there are more applicants meeting admissions requirements than spaces available. Applicants with the highest number of points will be selected for the available spaces.



*Dental Hygiene

AAS Degree: Two-Year Program

Dental Hygienists perform oral health assessments, provide nutritional counseling, and promote self-care programs to prevent oral disease. Graduates of this program may be eligible to take national and state/regional examinations for licensure which are required to practice dental hygiene. Students need to complete the mandatory information session to complete admission requirements. Reserve your space at hsinfosession.waketech.edu.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

- Enjoy working with people
- Good problem-solving skills
- Good communication skills
- Strong science skills
- Strong organization skills

- Perform oral health assessments
- Take and process dental x-rays
- Provide self-care programs to prevent disease
- Provide treatment to patients, to include cleaning teeth and placing sealants

- Dental offices
- Public health departments
- Hospitals
- Clinics

*This is a competitive admissions program that uses a point system when there are more applicants meeting admissions requirements than spaces available. Applicants with the highest number of points will be selected for the available spaces.



*Nursing (RN)

AAS Degree: Two-Year Program

Registered Nurses provide care to clients in a variety of settings. Registered nurses (RNs) provide and coordinate patient care, educate patients and the public about various health conditions, and provide advice and emotional support to patients and their family members. The Associate Degree of Nursing is approved by the North Carolina Board of Nursing and accredited by the Accreditation Commission for Education in Nursing. Students need to complete the mandatory information session to complete admission requirements. Reserve your space at hsinfosession.waketech.edu.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

- Good math & science skills
- Enjoy helping people
- Strong critical-thinking and communication skills
- Strong work ethic
- Functions well under pressure and a rapidly changing environment

- Perform physical assessments, take vital signs
- Administer medications and treatments
- Provide education & emotional support
- Assess, diagnose, plan, implement and evaluate nursing care needs
- Collaborate with interdisciplinary healthcare team

- Hospitals
- Rehabilitation facilities
- Physician offices
- Clinics
- Long-term care facilities

*This is a competitive admissions program that uses a point system when there are more applicants meeting admissions requirements than spaces available. Applicants with the highest number of points will be selected for the available spaces.



Medical Laboratory Technology

AAS Degree: Two-Year Program

Medical Laboratory professionals perform clinical procedures in laboratory departments. They help physicians diagnose, monitor, prevent, and treat diseases. Coursework emphasizes mathematical and scientific concepts, laboratory testing and procedures, quality assurance, and reporting and interpreting findings. Graduates may be eligible to take examinations given by the Board of Certification of the American Society for Clinical Pathology.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

- Interest in science, medicine, pathology, and hands-on activities
 - Good problem-solving and communication skills
 - Self-directed learner
 - Good math and science skills
 - Good computer skills
- Perform and analyze lab tests on blood and other body fluids for use in diagnosis and treatment
 - Interpret findings involving tissues, blood, and body fluids
- Hospitals
 - Laboratories
 - Industry
 - Physician offices
 - Research facilities
 - Research labs



Emergency Medical Science

AAS Degree: Two-Year Program
AAS Degree: Paramedic Bridge Program

Paramedics are the most highly trained of the class of EMTs (Emergency Medical Technicians) working in the U.S. These invaluable medical professionals respond to emergency calls, treat the sick and injured, and when necessary, perform life-saving procedures while transporting patients to the hospital. Our Paramedic students learn through intensive, scenario-based instruction using state-of-the-art simulation equipment to master the knowledge, hands-on skills, and critical thinking needed by the modern Paramedic.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

- Good decision-making and critical-thinking skills
 - Interest in helping people
 - Good hands-on skills
 - Good communication skills
- Assess the nature and extent of an illness or injury to establish and prioritize procedures
 - Perform CPR
 - Administer medications
 - Start IVs
 - Defibrillate
- EMS services
 - Fire and rescue agencies
 - Hospitals
 - Air medical services
 - Urgent care centers
 - Clinics
 - Military



Health & Fitness Science

AAS Degree: Two-Year Program | Certificate

The Health and Fitness Science program is designed to provide students with the knowledge and skills necessary for employment in the fitness and exercise industry. Students will be trained in exercise science and be able to administer basic fitness tests and health risk appraisals.

SKILLS & INTERESTS NEEDED	JOB DUTIES	WORK LOCATIONS
<ul style="list-style-type: none"> • Enjoy helping people • Good communication skills • Good problem-solving skills 	<ul style="list-style-type: none"> • Administer basic fitness tests and health risk appraisals • Teach specific exercise and fitness classes • Provide instruction in the proper use of exercise equipment and facilities 	<ul style="list-style-type: none"> • Commercial fitness clubs • YMCAs/YWCAs • Wellness programs in business and industry • Parks & Recreation Departments



Medical Assisting

AAS Degree: Two-Year Program | Diploma: One-year program

Medical Assistants perform administrative, clinical, and laboratory procedures in a physician's office. They schedule appointments, code and process insurance and billing, and provide care to patients. Graduates may be eligible to sit for the American Association of Medical Assistants Certification Examination - CMA (AAMA).

SKILLS & INTERESTS NEEDED	JOB DUTIES	WORK LOCATIONS
<ul style="list-style-type: none"> • Enjoy working in a medical office setting • Good organization and communication skills • Enjoy working with people 	<ul style="list-style-type: none"> • Document patient history and administer medications • Perform clinical procedures such as laboratory tests, electrocardiography, and vital signs • Perform administrative office tasks 	<ul style="list-style-type: none"> • Physician offices • Clinics • Health departments • Hospitals



Human Services Technology/Substance Abuse

AAS Degree: Two-Year Program | Certificates: Counseling, Intervention

Human Services/Substance Abuse professionals assist in drug and alcohol counseling, prevention-oriented educational activities, and rehabilitation with recovering clients. Graduates should qualify for positions as DUI counselors, halfway house workers, residential facility employees, and substance education specialists. With educational and clinical experiences, graduates can obtain certification by the North Carolina Substance Abuse Board.

SKILLS & INTERESTS NEEDED

JOB DUTIES

WORK LOCATIONS

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| <ul style="list-style-type: none"> • Enjoy helping people • Good problem-solving skills • Good communication skills • Thoughtful, genuine, and empathetic | <ul style="list-style-type: none"> • Assist in counseling of clients with drug, alcohol, and tobacco problems • Provide prevention-oriented education | <ul style="list-style-type: none"> • Human services agencies • Clinics • Residential services • Shelters • Corrections • Halfway houses |
|---|---|---|



Healthcare Simulation Technology

AAS Degree: Two-Year Program | Certificate

Healthcare Simulation Technicians (SIM-Techs) are trained to set up, operate, and manipulate patient manikins, multimedia systems, and computer programs for the production of realistic simulations that replicate medical conditions found in modern health care.

SKILLS & INTERESTS NEEDED

JOB DUTIES

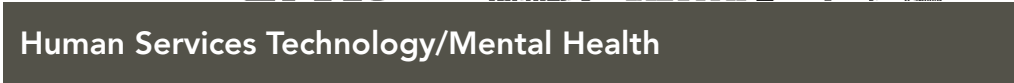
WORK LOCATIONS

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| <ul style="list-style-type: none"> • Strong communications skills • "Serious" Gaming Technology • Audiovisual Technology • Healthcare • Critical-thinking | <ul style="list-style-type: none"> • Simulation Operator • Video Production • Trauma Moulage • Standardized Patient Management | <ul style="list-style-type: none"> • Hospitals • Universities and Colleges • EMS agencies • Other businesses throughout the healthcare community. |
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AAS Degree: Two-Year Program

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AAS Degree: Two-Year Program | Certificate

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