

CAREERS IN HEALTH SCIENCES




WAKE || TECH
HEALTH SCIENCES CAMPUS

2901 Holston Lane | Raleigh, NC 27610
919-747-0400 | health.waketech.edu


WAKE || TECH
HEALTH SCIENCES CAMPUS



HEALTH SCIENCES ADMISSIONS CHECKLIST

Table of Contents

Introduction.....	3
Dental Assisting.....	4
Dental Hygiene.....	5
Emergency Medical Science.....	6
Human Services Technology.....	7
Human Services Technology/Substance Abuse.....	8
Medical Assisting.....	9
Medical Laboratory Technology.....	10
Pharmacy Technology.....	11
Radiography.....	12
CT/MRI.....	13
Phlebotomy.....	14
CNA.....	15
Nursing.....	16
Surgical Technology.....	17
Therapeutic Massage.....	18
Health Sciences Admissions Checklist.....	19

To begin the admissions process for Wake Tech’s Health Sciences programs, please complete steps 1-4, below.

After you have completed ALL of these steps, you may meet with a Health Sciences Advisor in the Student Services Center, on the Health Sciences Campus.

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

1. Submit a Wake Tech Application for Admission, which can be found on the college website: <http://hsadmissions.waketech.edu/>
2. Attend an information session.

Reserve your seat for the information session on the college website at <http://hsadmissions.waketech.edu/infosess/index.php>. **If no session dates are listed, please continue to check the site as additional dates are added.**
3. Request official transcripts from high school or GED **and** all previously-attended colleges to be sent directly to the Wake Tech Admissions Office.
4. Take the ACCUPLACER placement test if applicable. Please visit <http://admissions.waketech.edu> for more information about exemption from placement testing.



Therapeutic Massage

Diploma: One-year program
Annual Salary Range: \$25,126-\$53,268
Hourly Salary Range: \$12.08-\$25.61

Massage Therapists provide manual soft tissue manipulation to promote and maintain wellness or treat alterations in health.

Skills and 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 treatment of medical conditions 	<ul style="list-style-type: none"> • Wellness Centers • Spas • Sports clubs • Hospitals • Rehabilitation centers • Home health • Private practices



Wake Tech'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 Technical Community College 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.

Salaries shown in this brochure are based on the N.C. Bureau of Labor Statistics data in the N.C. Occupational Employment and Wages 2012 release. Salary range indicates entry-level wages to experienced employee wages. For updates, go to <http://eslmi23.esc.state.nc.us/oeswage/>.



***Dental Assisting**

Diploma: One-year program
Annual Salary Range: \$27,110-\$40,322
Hourly Salary Range: \$14.15-\$21.50

Dental Assistants help dentists provide quality oral health care, educate patients, prepare and sterilize dental instruments, and perform administrative work.



***Surgical Technology**

Diploma: One-year program
Annual Salary Range: \$32,822-\$42,411
Hourly Salary Range: \$15.78-\$20.39

Surgical Technology professionals assist in the care of the surgical patient in the operating room as a member of the surgical team.

Skills and Interests Needed	Job Duties	Work Locations
<ul style="list-style-type: none"> • Enjoy working with people • Enjoy hands-on patient care • Good problem-solving and communication skills 	<ul style="list-style-type: none"> • Review patient's health history • Obtain dental radiographs • Make impressions of teeth and gums 	<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.

Skills and Interests Needed	Job Duties	Work Locations
<ul style="list-style-type: none"> • Enjoy hands-on or manual activities • Detail-oriented • Interest in working in the operating room 	<ul style="list-style-type: none"> • Prepare/clean equipment and operating room • Pass instruments to surgeons during operation 	<ul style="list-style-type: none"> • Hospitals • Surgery centers • Labor and delivery units • Endoscopy units • Cardiac cath labs

*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
Annual Salary Range: \$46,050-\$68,430
Hourly Salary Range: \$22.14-\$32.90

Registered Nurses provide care to clients in a variety of settings. Nurses are advocates, as they assist patients in reaching their maximum health potential by promoting wellness.



***Dental Hygiene**

AAS Degree: Two-year program
Annual Salary Range: \$51,355-\$69,860
Hourly Salary Range: \$24.69-\$33.59

Dental Hygienists perform oral health assessments, provide nutritional counseling, and promote self-care programs to prevent oral disease.

Skills and Interests Needed	Job Duties	Work Locations
<ul style="list-style-type: none"> • Good math and science skills • Enjoy helping people • Strong critical-thinking and communication skills • Strong work ethic 	<ul style="list-style-type: none"> • Perform physical assessments, take vital signs • Administer medications and treatments • Provide client education 	<ul style="list-style-type: none"> • 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.

Skills and Interests Needed	Job Duties	Work Locations
<ul style="list-style-type: none"> • Enjoy working with people • Good problem-solving skills • Good communication skills • Strong science skills • Strong organization skills 	<ul style="list-style-type: none"> • Perform oral health assessments • Take and process dental x-rays • Provide self-care programs to prevent disease • Promote self-care programs to prevent disease 	<ul style="list-style-type: none"> • 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.



*Emergency Medical Science (Paramedic)

Certified Nursing Assistant (CNA)

AAS Degree: Two-year program
Continuing Education: EMT Basic and EMT Intermediate
Annual Salary Range: \$23,810-\$36,900
Hourly Salary Range: \$11.45-\$17.74

Certificate
Annual Salary Range: \$17,716-\$25,156
Hourly Salary Range: \$8.52-\$12.09

Emergency Medical Science professionals respond to emergencies and perform basic and advanced life support skills, depending on their level of training. They transport sick or injured persons to medical facilities.

Nursing assistants provide hands-on care and perform routine tasks under the supervision of nursing and medical staff.

Skills and Interests Needed	Job Duties	Work Locations
<ul style="list-style-type: none"> • Good decision-making and critical-thinking skills • Interest in helping people • Good hands-on skills • Good communication skills 	<ul style="list-style-type: none"> • Assess the nature and extent of an illness or injury to establish and prioritize procedures • Perform CPR • Administer medications • Start IVs • Defibrillate 	<ul style="list-style-type: none"> • EMS services • Fire and rescue agencies • Hospitals • Air medical services • Urgent care centers • Clinics • Military

Skills and Interests Needed	Job Duties	Work Locations
<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 patients' temperature, pulse rate, respiration rate, or blood pressure • Document patient information accurately 	<ul style="list-style-type: none"> • Hospitals • Clinics • Doctor offices • Long-term care facilities • Home care

*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.



Phlebotomy

*Human Services Technology

Certificate: One semester
Annual Salary Range: \$20,269-\$29,943
Hourly Salary Range: \$9.74-\$14.40

AAS Degree: Two-year program
Annual Salary Range: \$20,190-\$31,700
Hourly Salary Range: \$9.70-\$15.24

Phlebotomists perform the manual and technical tasks involved in the collection, labeling, and handling of blood samples for laboratory testing.

Human Services professionals assist social workers and case workers in organizing and implementing programs that help individuals and families prevent or resolve problems related to basic needs, substance abuse, and relationships.

Skills and Interests Needed	Job Duties	Work Locations	Skills and Interests Needed	Job Duties	Work Locations
<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 	<ul style="list-style-type: none"> • Enjoy helping people learn to help themselves • Good problem-solving and communication skills • Thoughtful, genuine, and empathetic 	<ul style="list-style-type: none"> • Work with at-risk adolescents, the elderly, the mentally ill, victims of domestic abuse, the homeless, and clients with HIV • Transport and accompany clients to shopping areas and to appointments 	<ul style="list-style-type: none"> • Social service agencies • Shelters • Mental health agencies • Rehabilitation centers • Clinics • Corrections • Residential services

*Please review the Human Services website for frequently asked questions, program information, and admissions guidelines at humanservices.waketech.edu.



***Human Services Technology / Substance Abuse**

CT/MRI

AAS Degree: Two-year program
Certificate: Five courses
Annual Salary Range: \$23,500-\$39,850
Hourly Salary Range: \$11.30-\$19.16

Diploma: One-year program (MRI)
Certificate: Two-semester program (CT)
Annual Salary Range: \$44,865-\$64,875
Hourly Salary Range: \$21.57-\$31.19

Human Services/Substance Abuse professionals assist in drug and alcohol counseling, prevention-oriented educational activities, and rehabilitation with recovering clients.

The MRI diploma and CT certificate programs are available to radiographers who wish to specialize in Magnetic Resonance Imaging (MRI) and or Computed Tomography (CT).

Skills and Interests Needed	Job Duties	Work Locations	Skills and Interests Needed	Job Duties	Work Locations
<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 	<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

*Please review the Human Services website for frequently asked questions, program information, and admissions guidelines at humanservices.waketech.edu.



*Radiography

AAS Degree: Two-year program
Annual Salary Range: \$40,684-\$60,944
Hourly Salary Range: \$19.56-\$29.30

Radiographers produce radiographs or 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.



Medical Assisting

AAS Degree: Two-year program
Diploma: One-year program
Annual Salary Range: \$23,360-\$31,780
Hourly Salary Range: \$11.23-\$15.28

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.

Skills and Interests Needed

Job Duties

Work Locations

- | | | |
|--|--|--|
| <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 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 |
|--|--|--|

Skills and 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 |
|--|--|--|

*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
Yearly Salary Range: \$40,467-\$58,671
Hourly Salary Range: \$19.46-\$28.21

Medical Laboratory professionals perform clinical laboratory procedures in chemistry, hematology, and microbiology. They help physicians diagnose, monitor, prevent, and treat disease.



*Pharmacy Technology

AAS Degree: Two-year program
Diploma: One-year program
Annual Salary Range: \$19,406-\$31,390
Hourly Salary Range: \$9.33-\$15.09

Pharmacy Technicians assist pharmacists in preparing medications, mixing intravenous solutions, updating client profiles, and maintaining inventories.

Skills and Interests Needed	Job Duties	Work Locations	Skills and Interests Needed	Job Duties	Work Locations
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Hospitals • Laboratories • Industry • Physician offices • Research facilities • Research labs 	<ul style="list-style-type: none"> • Interest in math and science • Detail-oriented • Good communication and people skills 	<ul style="list-style-type: none"> • Assist pharmacist to screen prescription medication orders • Calculate dose and quantity of medication • Measure, label, and package medication 	<ul style="list-style-type: none"> • Pharmacies in hospitals and retail stores • Clinics • Long-term care agencies • Research laboratories • Pharmaceutical companies • Manufacturing companies

*This program is offered collaboratively by Wake Tech and Johnston Community College.