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[health.waketech.edu](http://health.waketech.edu)
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.

Revised 3/31/16
Dental Assistants help dentists provide quality oral health care, educate patients, prepare and sterilize dental instruments, and perform administrative work.

**Skills and Interests Needed**
- Ability to work as part of a team
- Enjoy hands-on patient care
- Good problem-solving and communication skills
- Fine-motor skills

**Work Locations**
- Dental offices
- Public health departments
- Hospital dental clinics
- Dental schools

**Job Duties**
- Review patient’s health history
- Obtain dental radiographs
- Perform advanced functions

**Skills and Interests Needed**

- Annual Salary Range: $31,740-$50,544
- Hourly Salary Range: $15.26-$24.30

*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.

For more information contact Joanna Woodrum: 919-747-0025

health.waketech.edu
To begin the admissions process for Wake Tech’s Health Sciences programs, please complete steps 1-5, below.

After you have completed ALL of these steps, you may meet with a Health Sciences Advisor in the Student Services Center, on the Perry 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 Technical Community College application at http://www.waketech.edu/become-student

2. 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: http://hsadmissions.waketech.edu/infosess/index.php

3. Request official transcripts from high school or GED and all previously-attended colleges to be sent directly to the Wake Tech Admissions Office.

   Fall application deadline: May 1
   Spring application deadline: October 1
   Summer application deadline: March 15

5. Take the placement test, if applicable. To sign up for the test, or to find out if you are exempt from testing, visit http://testingcenter.waketech.edu.

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**Dental Hygiene**

AAS Degree: Two-year program
Annual Salary Range: $57,200-$74,526
Hourly Salary Range: $27.50-$35.83

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

**Skills and Interests Needed**

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

**Job Duties**

- 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

**Work Locations**

- Dental offices
- Public health departments
- Hospitals
- Clinics

For more information contact Joanna Woodrum: 919-747-0025

health.waketech.edu
### Emergency Medical Science

**AAS Degree: Two-year program**  
**Continuing Education: EMT Basic**  
**Annual Salary Range:** $25,625-$37,585  
**Hourly Salary Range:** $12.32-$18.07

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.

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Good decision-making and critical-thinking skills</td>
<td>- Assess the nature and extent of an illness or injury to establish and prioritize procedures</td>
<td>- EMS services</td>
</tr>
<tr>
<td>- Interest in helping people</td>
<td>- Perform CPR</td>
<td>- Fire and rescue agencies</td>
</tr>
<tr>
<td>- Good hands-on skills</td>
<td>- Administer medications</td>
<td>- Hospitals</td>
</tr>
<tr>
<td>- Good communication skills</td>
<td>- Start IVs</td>
<td>- Air medical services</td>
</tr>
<tr>
<td></td>
<td>- Defibrillate</td>
<td>- Urgent care centers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Clinics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Military</td>
</tr>
</tbody>
</table>

### Therapeutic Massage

**Diploma: One-year program**  
**Annual Salary Range:** $30,534-$54,600  
**Hourly Salary Range:** $14.68-$26.25

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

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Enjoy working with people</td>
<td>- Confer with clients about their medical histories to determine how massage will be most helpful</td>
<td>- Wellness centers</td>
</tr>
<tr>
<td>- Feel comfortable with touch, and with ill or injured clients</td>
<td>- Massage and knead muscles and soft tissues of the body for relaxation and treatment of medical conditions</td>
<td>- Spas</td>
</tr>
<tr>
<td>- Good problem-solving and communication skills</td>
<td></td>
<td>- Sports clubs</td>
</tr>
</tbody>
</table>

- Massage clinics  
- Rehabilitation centers  
- Home health  
- Private practices

For more information contact Sheila Weathersbee: 919-747-0075  
[health.waketech.edu](http://health.waketech.edu)  

For more information contact Billy Bradshaw: 919-747-0107  
[health.waketech.edu](http://health.waketech.edu)
**Nursing (RN)**

**AAS Degree: Two-year program**
**Annual Salary Range:** $56,576 - $79,144  
**Hourly Salary Range:** $27.20 - $38.05

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.

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Good math and science skills</td>
<td>• Perform physical assessments, take vital signs</td>
<td>• Hospitals</td>
</tr>
<tr>
<td>• Enjoy helping people</td>
<td>• Administer medications and treatments</td>
<td>• Rehabilitation facilities</td>
</tr>
<tr>
<td>• Strong critical-thinking and communication skills</td>
<td>• Provide client education and emotional support</td>
<td>• Physician offices</td>
</tr>
<tr>
<td>• Strong work ethic</td>
<td>• Assess, diagnose, plan, implement and evaluate nursing care needs</td>
<td>• Clinics</td>
</tr>
<tr>
<td>• Functions well under pressure and a rapidly changing environment</td>
<td>• Collaborate with interdisciplinary healthcare team</td>
<td>• Long-term care facilities</td>
</tr>
</tbody>
</table>

*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.

**Health and Fitness Science**

**AAS Degree: Two-year program**
**Annual Salary Range:** $24,960-41,600  
**Hourly Salary Range:** $12-20/hr.

Health Fitness professionals lead, instruct, and motivate individuals or groups in exercise activities, including cardiovascular exercise, strength training, and stretching. They work with people of all ages and skill levels.

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Enjoy helping people</td>
<td>• Administer basic fitness tests and health risk appraisals</td>
<td>• Commercial fitness clubs</td>
</tr>
<tr>
<td>• Good communication skills</td>
<td>• Good problem-solving skills</td>
<td>• YMCAs/YWCAs</td>
</tr>
<tr>
<td>• Strong critical-thinking and communication skills</td>
<td>• Teach specific exercise and fitness classes</td>
<td>• Wellness programs in business and industry</td>
</tr>
<tr>
<td>• Strong work ethic</td>
<td>• Provide instruction in the proper use of exercise equipment and facilities</td>
<td>• Parks &amp; Recreation Departments</td>
</tr>
</tbody>
</table>

For more information contact Beth Watkins: 919-747-0104  
health.waketech.edu
### Human Services Technology

**AAS Degree: Two-year program**
**Annual Salary Range:** $20,190-$32,656  
**Hourly Salary Range:** $9.70-$15.70

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.

- Enjoy helping people learn to help themselves
- Good problem-solving and communication skills
- Thoughtful, genuine, and empathetic
- 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

### Certified Nursing Aide (CNA)

**Certificate**
**Annual Salary Range:** $19,614-$26,936  
**Hourly Salary Range:** $9.43-$12.95

Nurse Aides provide hands-on care and perform routine tasks under the supervision of nursing staff.

- Enjoy helping people
- Enjoy working as part of a team
- Detail oriented

### Skills and Interests Needed

<table>
<thead>
<tr>
<th><strong>Job Duties</strong></th>
<th><strong>Work Locations</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Work with at-risk adolescents, the elderly, the mentally ill, victims of domestic abuse, the homeless, and clients with HIV</td>
<td>Social service agencies</td>
</tr>
<tr>
<td>Transport and accompany clients to shopping areas and to appointments</td>
<td>Shelters</td>
</tr>
<tr>
<td></td>
<td>Mental health agencies</td>
</tr>
<tr>
<td></td>
<td>Rehabilitation centers</td>
</tr>
<tr>
<td></td>
<td>Clinics</td>
</tr>
<tr>
<td></td>
<td>Corrections</td>
</tr>
<tr>
<td></td>
<td>Residential services</td>
</tr>
</tbody>
</table>

### Work Locations

- Social service agencies
- Shelters
- Mental health agencies
- Rehabilitation centers
- Clinics
- Corrections
- Residential services

### Skills and Interests Needed

<table>
<thead>
<tr>
<th><strong>Job Duties</strong></th>
<th><strong>Work Locations</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Assist patient with hygiene needs</td>
<td>Hospitals</td>
</tr>
<tr>
<td>Serve meals, make beds, and tidy rooms</td>
<td>Clinics</td>
</tr>
<tr>
<td>Take patient’s temperature, pulse rate, respiration rate and blood pressure</td>
<td>Doctor offices</td>
</tr>
<tr>
<td>Document patient information accurately</td>
<td>Long-term care facilities</td>
</tr>
</tbody>
</table>

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

Note: The Nursing Aide program is offered through Wake Tech’s Workforce Continuing Education Division and has its own Information Session.
Human Services Technology / Substance Abuse

AAS Degree: Two-year program
Certificate: Five courses
Annual Salary Range: $23,500-$41,704
Hourly Salary Range: $11.30-$20.05

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

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Enjoy helping people</td>
<td>• Assist in counseling of clients with drug, alcohol, and tobacco problems</td>
<td></td>
</tr>
<tr>
<td>• Good problem-solving skills</td>
<td>• Provide prevention-oriented education</td>
<td></td>
</tr>
<tr>
<td>• Good communication skills</td>
<td>• Human services agencies</td>
<td></td>
</tr>
<tr>
<td>• Thoughtful, genuine, and empathetic</td>
<td>• Clinics</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Residential services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Shelters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Corrections</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Halfway houses</td>
</tr>
</tbody>
</table>

Phlebotomy

Certificate: One semester
Annual Salary Range: $26,728-$34,049
Hourly Salary Range: $12.85-$16.37

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

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Good hand-eye coordination</td>
<td>• Assemble equipment needed for drawing blood</td>
<td></td>
</tr>
<tr>
<td>• Enjoy helping people</td>
<td>• Perform venipuncture, finger sticks, heel sticks to obtain blood</td>
<td></td>
</tr>
<tr>
<td>• Attention to detail</td>
<td>• Label and store blood samples for processing</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Good hand-eye coordination</td>
<td>• Hospitals</td>
<td></td>
</tr>
<tr>
<td>• Enjoy helping people</td>
<td>• Clinics</td>
<td></td>
</tr>
<tr>
<td>• Attention to detail</td>
<td>• Doctor offices</td>
<td></td>
</tr>
<tr>
<td>• Thoughtful, genuine, and empathetic</td>
<td>• Laboratories</td>
<td></td>
</tr>
</tbody>
</table>

For more information contact Admissions: 919-747-0402 health.waketech.edu

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

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.
### Human Services Technology / Mental Health

**AAS Degree:** Two-year program  
**Annual Salary Range:** $28,850-$38,520  
**Hourly Salary Range:** $13.87-$18.52

Human Services entry level positions in mental health settings may involve assisting a treatment team, implementing treatment plans, providing community liaison, becoming a behavioral disorder counselor, a treatment assistant or working in a variety of settings in institutions or communities.

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enjoy helping people learn to help themselves</td>
<td>Work with individuals and groups with mental health challenges</td>
<td>Social service agencies</td>
</tr>
<tr>
<td>Good problem-solving and communication skills</td>
<td>Transport and accompany clients to appointments, services, vocational opportunities</td>
<td>Shelters</td>
</tr>
<tr>
<td>Thoughtful, genuine, and empathetic</td>
<td>Work on community prevention efforts</td>
<td>Schools</td>
</tr>
<tr>
<td>Respect for different cultures and experiences</td>
<td>Assist in admission and discharge of patients</td>
<td>Mental health agencies</td>
</tr>
<tr>
<td></td>
<td>Facilitate group support and activities</td>
<td>Rehabilitation centers</td>
</tr>
</tbody>
</table>

For more information contact Admissions: 919-747-0402  
[health.waketech.edu](http://health.waketech.edu)

### CT/MRI

**Diploma:** One-year program (MRI)  
**Certificate:** Two-semester program (CT)  
**Annual Salary Range:** $54,184-$67,600  
**Hourly Salary Range:** $26.05-$32.50

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).

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enjoy hands-on or manual activities</td>
<td>Use specialized equipment to produce images of the human body from cross-sectional perspective</td>
<td>Hospitals</td>
</tr>
<tr>
<td>Good math and science skills</td>
<td>Direct patient care</td>
<td>Clinics</td>
</tr>
<tr>
<td>Enjoy helping people</td>
<td></td>
<td>Imaging centers</td>
</tr>
<tr>
<td>Strong problem-solving and communication skills</td>
<td></td>
<td>Physician offices</td>
</tr>
<tr>
<td>Good computer skills</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Please review the Human Services website for frequently asked questions, program information, and admissions guidelines at humanservices.waketech.edu.
### Medical Assisting

#### AAS Degree: Two-year program
#### Diploma: One-year program
#### Annual Salary Range: $29,600 - $35,573
#### Hourly Salary Range: $14.23 - $17.10

A career as a health care professional who performs administrative, clinical, and laboratory procedures in physicians' offices and hospitals; eligibility to sit for the American Association of Medical Assistants Certification Examination - CMA (AAMA).

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enjoy working in a medical office setting</td>
<td>Document patient history and administer medications</td>
<td>Physician offices</td>
</tr>
<tr>
<td>Good organization and communication skills</td>
<td>Perform clinical procedures such as laboratory tests, electrocardiography, and vital signs</td>
<td>Clinics</td>
</tr>
<tr>
<td>Enjoy working with people</td>
<td>Perform administrative office tasks</td>
<td>Health departments</td>
</tr>
</tbody>
</table>

For more information contact Joanna Woodrum: 919-747-0025

**health.wakettech.edu**

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### Radiography

#### AAS Degree: Two-year program
#### Annual Salary Range: $40,684-$60,944
#### Hourly Salary Range: $19.62-$29.30

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.

<table>
<thead>
<tr>
<th>Skills and Interests Needed</th>
<th>Job Duties</th>
<th>Work Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enjoy hands-on or manual activities</td>
<td>Use radiation to produce images of the human body</td>
<td>Hospitals</td>
</tr>
<tr>
<td>Good math and science skills</td>
<td>Use computerized equipment to process images of the human body</td>
<td>Clinics</td>
</tr>
<tr>
<td>Enjoy helping people</td>
<td>Direct patient care</td>
<td>Imaging centers</td>
</tr>
<tr>
<td>Strong problem-solving and communication skills</td>
<td>Physician offices</td>
<td>Imaging centers</td>
</tr>
<tr>
<td>Good computer skills</td>
<td></td>
<td>Physician offices</td>
</tr>
</tbody>
</table>

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For more information contact Billy Bradshaw: 919-747-0107

**health.wakettech.edu**
Medical Laboratory Technology

AAS Degree: Two-year program
Yearly Salary Range: $35,692 – $57,720
Hourly Salary Range: $17.16 – $27.75

Medical Laboratory professionals perform clinical procedures in laboratory departments, including chemistry, hematology, microbiology, and the blood bank. They help physicians diagnose, monitor, prevent, and treat diseases.

- 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

Job Duties
- 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

Work Locations
- Hospitals
- Laboratories
- Industry
- Physician offices
- Research facilities
- Research labs

Note: General education courses are taught at Wake Tech while the pharmacy classes are taught at the Johnston Community College Workforce Development Center located in Clayton, NC.

For more information contact Devin Cummings: 919-747-0101
health.waketech.edu

Pharmacy Technology

AAS Degree: Two-year program
Diploma: One-year program
Annual Salary Range: $20,100-$44,590
Hourly Salary Range: $9.66-$21.44

Pharmacy Technicians assist licensed pharmacists in preparing medications, compounding IV admixtures, maintaining patient records, managing inventories and purchases, and providing pharmaceutical care services.

- 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

Job Duties
- Assist pharmacist 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

Work Locations
- 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

For more information contact Billy Bradshaw: 919-747-0107
health.waketech.edu