

CareerFocus™

MOVIN' IN!

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INSIDE BACK COVER



Baking & Pastry Arts



Building Automation



Health & Fitness Science



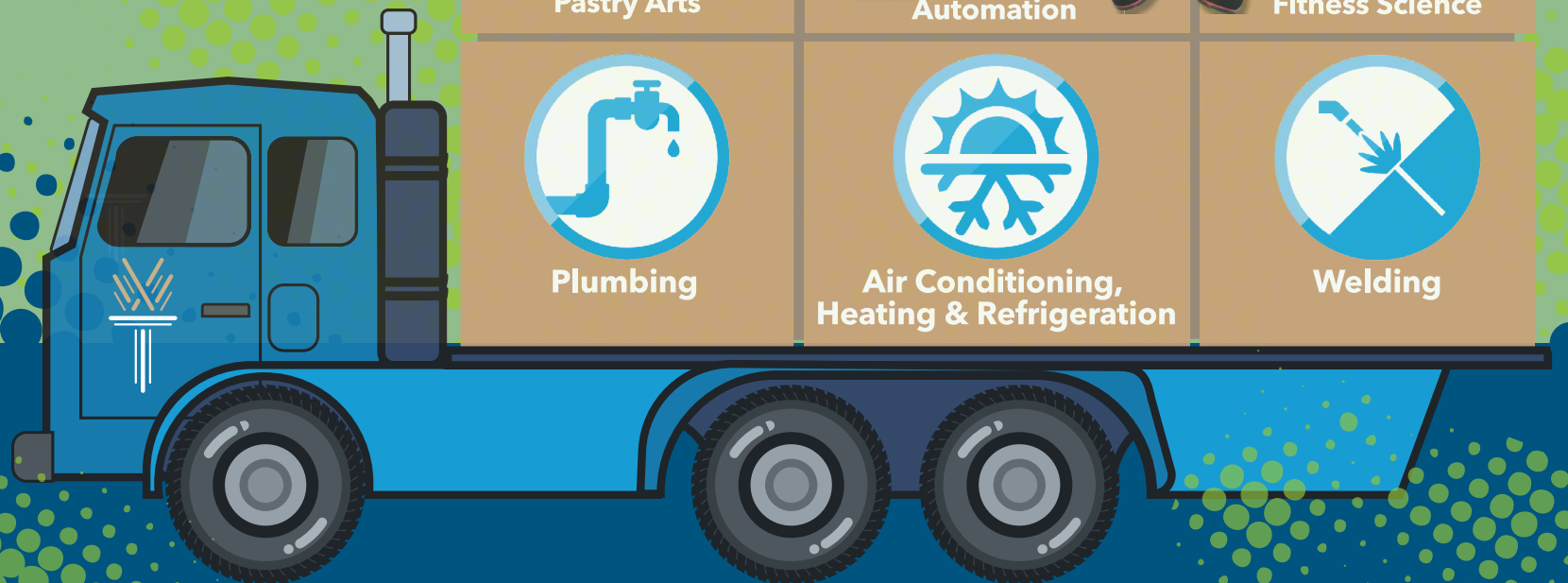
Plumbing



Air Conditioning,
Heating & Refrigeration



Welding



Kicking into High Gear: Coach Awana's Time is Now

When the Eagles kick off the fall 2017 men's soccer season, they'll be under the watch of first-year head coach Ted Awana. Coach Awana is a seasoned understudy: He served as an assistant coach for Louisburg College for six seasons and helped guide the Hurricanes to the 2015 NJCAA National Championship.



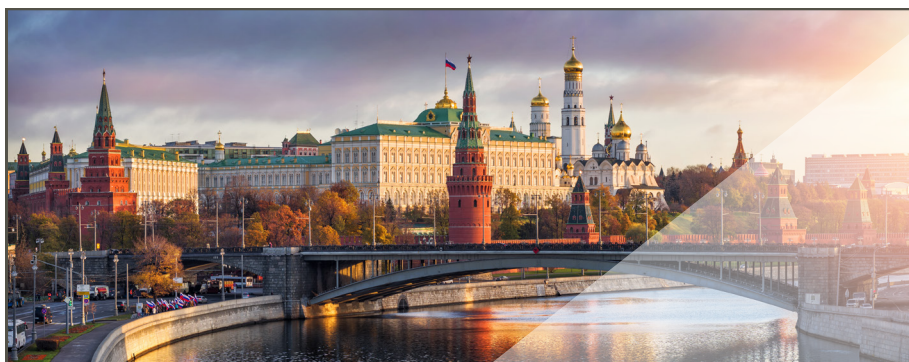
Coach Awana is making the most of his opportunity to make an impact on the lives of his players at Wake Tech. "One of the core values will be academic excellence," he says. "Producing scholar athletes is an important part of my coaching style."

Athletic Director Barry Street is excited to see where the program is

heading: "Coach Awana has studied coaching and recruiting from a high caliber program, with three trips to the National Tournament, one NJCAA Runner Up, and one Championship under his belt. I believe the sky's the limit for men's soccer at Wake Tech."

All home games are played at the WRAL Soccer Complex in Raleigh. Stay up to date on their schedule by visiting waketechsports.com – and come out to a game! Fall sports at Wake Tech include men's and women's soccer, men's and women's basketball, cross-country, and volleyball. It's an exciting season for Wake Tech sports, and we want you to be part of it!

waketechsports.com
#GoEagles



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workforce.waketech.edu
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Career Focus is published by Wake Technical Community College to encourage Wake County residents to enrich their lives through lifelong learning, to provide information about careers and Wake Tech's programs of study, and to promote workforce training and economic development. Questions about the Wake Tech programs and services described in this publication should be directed to 919-866-5000. To inquire about advertising in Career Focus, or for questions and comments about this publication, call 919-866-5929.

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CareerFocus™

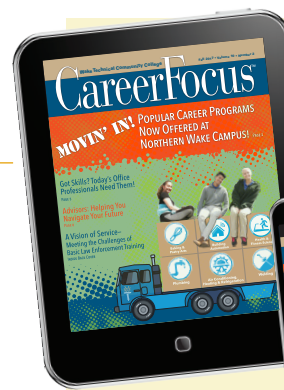
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A Rewarding Future is in Your Hands



On the go?

Read CareerFocus anytime on your mobile device, computer or tablet at



waketch.mycareerfocus.org



From the President

Welcome to *Career Focus!*

Wake Tech is adding facilities and expanding degree, diploma, and certificate programs to offer you more options than ever before! Whether you're eager to enter the workforce, looking for advancement opportunities at work, or thinking of further study at a university, we can help you reach your goals.

Our campuses and training centers throughout the county, online classes and programs, and evening and weekend classes offer convenient choices. Our support services can help you find the resources you need for success.

Find your pathway. Find your passion. Find yourself at Wake Tech!

Dr. Stephen C. Scott
President



Movin' In!

Popular Career Programs Now Offered at Northern Wake Campus!

How do they do it? Make a tiered lemon chiffon wedding cake with rosettes that match the bride's gown?? Weld metal that strengthens skyscrapers?? Fix air conditioning systems during the dog days of summer?? Keep sedentary workers active and in shape??

They do it with specialized knowledge, skill, and the hands-on training WakeTech is known for. Now, for the first time, training in these highly-specialized fields is coming to WakeTech's Northern Wake Campus, on Louisburg Road near I-540. New facilities, shiny new labs, and the latest technologies and equipment are enabling the college to expand and enhance these programs. They will be able to train more students and help more of the region's citizens become engaged and employed.

"Ten years ago, we celebrated the opening of this campus," says WakeTech President Dr. Stephen Scott, "and the exciting prospect of bringing college transfer programs closer to students in the northern part of Wake County. We're now thrilled to be able to bring career programs here that are designed to put people to work as soon as they graduate!"

Putting people to work quickly is not an exaggeration – in fact, 90% of students who graduate with an Associate in Applied Science degree in a WakeTech Career Program are employed within 90 days!



Health & Fitness Science



Stephanie Jones



Nathan Eriksen

That's precisely what Nathan Eriksen is hoping for: He loves hands-on work and is excited to be training for a career as a welder. "There are lots of benefits to this," Nathan says. "I'm learning skills I'll have and use forever!"

Welding is just one of the career programs being added to the Northern Wake Campus. Others include Plumbing; Air Conditioning, Heating & Refrigeration; Building Automation; Health & Fitness Science; and Baking & Pastry Arts.

Chief Campus Officer Rebecca Neagle says the specialized programs are a brilliant next step for the Northern Wake Campus. "We've built a reputation as a forward-thinking campus, focused on students who want to go on to earn advanced degrees. We're now broadening our scope to make the same high-quality, future-focused education and training available to students who are eager for immediate employment and career engagement."

For Jade Robinson, a student in Air Conditioning, Heating & Refrigeration, having classes so close to home is a godsend. "I was ecstatic when I heard this program would be offered at Northern Wake!" he says. "It's a lot more convenient for me, and it saves me gas money!"

The Northern Wake Campus is built on 127 acres along Louisburg Road and currently has eight buildings, two parking decks, a three-story library and learning commons, a 300-seat lecture hall, a high-tech STEM lab, tennis and volleyball courts, and all the services and amenities of a robust WakeTech campus, including admissions, advising, and financial aid. New facilities include a state-of-the-art kitchen; expansive welding, plumbing, and HVAC labs; and a 15,000-square-



Phillip Teague

foot gymnasium with the latest fitness testing equipment.

"We're very excited about the Health and Fitness Science facility – and all the amenities the Northern Wake Campus has to offer," says Jamie Pearson, department head for the Health & Fitness Science program. "And we plan to take advantage of them! We're preparing students for careers in so many fascinating fields – and the job market in all these areas is incredibly promising."

The Northern Wake Campus also has the distinction of being the first college or university campus in the United States where all buildings are LEED® certified by the U.S. Green Building Council. (LEED® stands for Leadership in



Jade Robinson

Energy and Environmental Design and signifies that buildings are constructed to the highest environmental standards.)

Stay close to home and prepare to "move in" to a career in one of these high demand fields! Financial aid and scholarships available! admissions.waketech.edu.

CAREER PROGRAMS NORTHERN WAKE CAMPUS



BAKING & PASTRY ARTS

Get skilled in the art of baking, cake decorating, and pastry design.



HEALTH & FITNESS SCIENCE

Prepare for a career as a wellness coach, personal trainer, or exercise instructor.



WELDING

Skilled welders are the backbone of the industrial world and are in high demand.



PLUMBING

Learn to install and service plumbing systems in residential and commercial buildings.

**New Opportunity! Backflow Prevention Certification*



AIR CONDITIONING, HEATING & REFRIGERATION

Design, install, and service HVAC equipment in residential and commercial settings.

**Two Days, Two Years, One Degree – The AHR Fast Track*

Take classes two days a week, and be available to work the rest of the week!



BUILDING AUTOMATION SYSTEMS

Become an expert in "high performance" buildings and stay ahead of changes in environmental regulations with this new AAS degree program!

**See more below*



Building Automation Systems

As one of the most environmentally friendly college campuses in the U.S., the Northern Wake Campus is the perfect place to launch a new career program: Building Automation Systems. As stringent environmental regulations are established for new buildings – and existing buildings are retrofitted – there is an increasing demand for highly-trained technicians to operate and maintain complex "high performance" buildings. They must know about a variety of building systems, including HVAC/R, lighting, building automation, energy management, security, and indoor air quality. Potential careers include Building Controls Technician, Energy Auditor, Facilities Manager, and Indoor Air Quality Specialist. Learn more at buildingautomation.waketech.edu.

ALUMNI SPOTLIGHT

Crunching the Numbers

Chris Mathews loves “crunching numbers,” and at 50, he’s become Wake County’s first data scientist! Chris has worked for the county in information technology for more than a decade but thought the rapidly-growing field of Business Analytics might help give his career a boost. He did some research into degree programs and quickly settled on Wake Tech: “Wake Tech offered online classes that I could work into my schedule,” he says. “Plus, do the math – Wake Tech is affordable!”

Chris enrolled and found that balancing work and school was not without challenges. He worked on assignments before and after work, and joined evening study sessions with instructors and classmates. He often studied with his wife, also a Wake Tech student. “It wasn’t easy,” he says, “but I’ve learned so much, and it’s paying off in a big way!”




“Wake Tech gave me a brand new set of skills to help me move to a new stage in my career.”

– Chris Mathews, Class of 2017

Chris beat out more than 80 other applicants to land his new job with Wake County! In his role as a data scientist, he’ll extract and connect conclusions from data to help county leaders address pressing problems and work toward community goals. His boss, Wake County Assistant IT Director Paula Roberson, sings his praises: “Chris has worked with businesses of all kinds across the county and has learned each one’s mission so he can better serve their data needs. His tech skills are awesome, but his

approachable nature and his eagerness to help will guarantee his success in this new role!”

Chris is enjoying his new professional life, even as he finishes the last few classes that he needs to graduate. He wouldn’t have been able to tackle new workplace challenges, he says, without the education and training he’s received. “Wake Tech gave me a brand new set of skills to help me move to a new stage in my career. It’s been a wonderful experience!”



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- Cost effective

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#WakeTechRTP

Wake Tech RTP Campus
NC 54 near I-540, Morrisville

- Associate in Arts
- Associate in Science
- Business Administration
- Business Analytics
- Computer Programming and Development
- Database Management Administrator
- Data Science & Programming Support Services
- Information Systems Security
- Network Management Technical Support
- Corporate Solutions (customized training)

WAKE TECH
rtp.waketech.edu

Got Skills?

Today's Office Professionals Need Them!



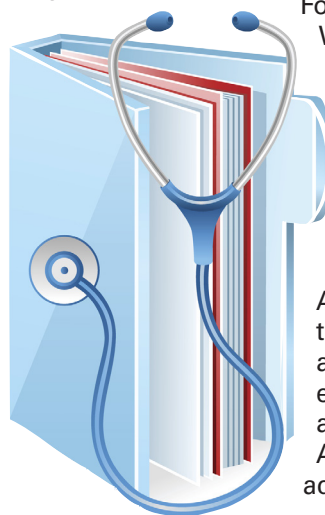
Looking for a great job in a field that's always in demand? With our aging population and daily advances in medicine, health care continues to hold some of the most promising career opportunities and options.

But what if you don't like the sight of blood – or just don't think you're cut out to work with patients?

Health care has plenty of other career options to offer! Medical facilities need skilled staff for billing and coding, electronic record-keeping and other functions. That's why Wake Tech now offers three specialized degrees in Medical Office Administration.

"Health care is changing so rapidly," says Department Head Paula Rosen. "Work in any kind of medical setting today requires knowledge and skill, and more preparation than ever before."

Consider a degree in **Healthcare Administration**. It can prepare you for a career in medical office management at a hospital, outpatient clinic, or other health care facility. If you're good with numbers and details, a **Medical Billing and Coding** degree can prepare you for the most complex insurance and billing situations. The **Medical Office Professional** degree gets you ready to manage the many moving parts of a bustling medical office.



All these degrees are available online, and all prepare graduates to take industry-recognized certification exams.

"I've been taking classes online, and it's worked out very well!" says Mary Barton. The mother of six hopes to get career skills under her belt so she can work part-time in a doctor's office as her children get older. "Online classes fit perfectly with my lifestyle," Mary says. "The technology has worked smoothly and the teachers have been very responsive and helpful!"

For those not interested in health care, WakeTech offers four other specialized Office Administration degrees: **Office Professional, Office Finance, Office Software, and Legal Office**. Graduates of these programs work in corporations, government agencies, financial institutions, real estate offices, and law firms.

Angela Smith, a 2015 graduate, came to Wake Tech after years of work as an administrative assistant. "I had experience, but I knew with technology advances I still had a lot to learn." Angela is now employed in a busy administrative office at Wake Tech!

The Office Administration degree programs, like the medical programs, are offered online, and include a work-based learning component. Wake Tech partners with area employers to provide on-the-job training in a variety of settings. Those interested in continuing their education can transfer to NC Wesleyan College to complete a Bachelor of Science degree in Organizational Administration.

For more information, visit oa.waketech.edu.



Angela Smith

"I had experience, but I knew with technology advances I still had a lot to learn."

– Angela Smith,
Class of 2015



Mary Barton

Possible Careers

- Office Administration
- Office Professional
- Office Finance
- Office Software
- Legal Office
- Medical Office Administration
- Medical Office Professional
- Medical Billing and Coding
- Healthcare Administration

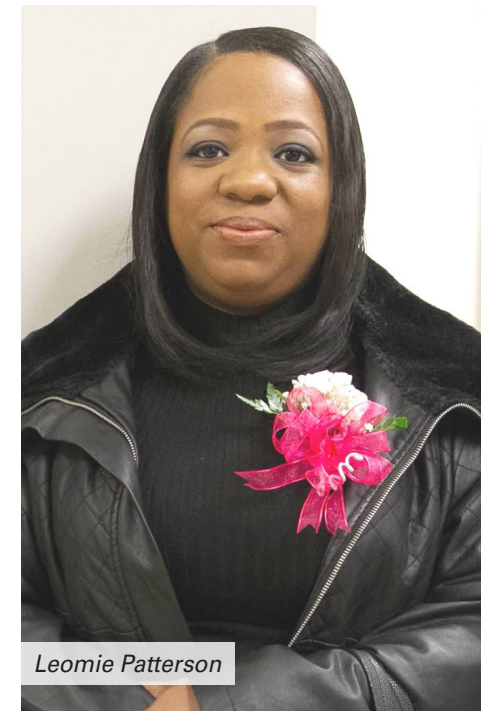
Sample Careers and Median Salary

Administrative Assistant	\$45,000
Office Manager	\$50,000
Patient Services Representative	\$45,000
Medical Coder	\$55,000
Healthcare Financial Counselor	\$55,000



The Power of Persistence

Endowment Recognizes Students Who Never Give Up



Leomie Patterson

“Be persistent,” Doris Huebner says. “There is always a way to accomplish your dreams. It may not be the way you envisioned, and there may be obstacles – but sometimes the biggest obstacle can open just the right door!” Huebner, a business woman and community service advocate, is Vice Chair of the Wake Tech Board of Trustees, and she shared her inspiring words at the college’s annual Women’s History Tea, honoring women who have overcome personal challenges to pursue higher education.

The Tea is supported by a special endowment, created by the family of the late Dr. Linda Ray. Dr. Ray, a lifelong educator and advocate for adult literacy, served as director of Human Resources Development at Wake Tech.

Honorees are nominated by their instructors, after demonstrating excellence in Wake Tech’s College and Career Readiness program – in English as a Second Language, Adult Basic Education, and High School Equivalency Preparation courses.

One honoree, 40-year-old Leomie Patterson, has faced her share of obstacles. She dropped out of high school after becoming pregnant with her first child. She’s also a cancer survivor, and recently lost her husband unexpectedly. But after her daughter graduated from college, Leomie decided it was time for her to finish high school. She turned to Wake Tech. “I love coming to class,” she says. “I feel empowered and proud of myself – and my kids are proud of me too!”

“I feel empowered and proud of myself – and my kids are proud of me, too!”

Leomie has impressed instructors with her efforts and her determination to persevere. She was selected as an honoree in her very first semester, and says she was thrilled to be invited. “It was unexpected,” she says, “and a little surreal. I couldn’t believe I was nominated so quickly, and hearing that my instructor saw something special in me really meant a lot!”

The endowment was created after Dr. Ray’s death in 2011, to recognize those who go above and beyond. “My mom always wanted to help others,” says Kaitlyn Ray Forsyth, Dr. Ray’s daughter. “It was her life’s work. We’re just continuing what she started.”

For more information about the tea or about Wake Tech’s College & Career Readiness program, visit ccr.waketech.edu or call 919-334-1565.

The Wake Tech Foundation cultivates and manages a variety of resources critical to Wake Tech’s success: corporate investments, private grants, alumni and employee contributions, and financial and in-kind support from many other friends of the college. These resources fund diverse projects, from student scholarships to broader instructional and institutional needs.

To learn more about giving opportunities, visit foundation.waketech.edu.

You Can Make a Difference!

Wake Tech has more than 71,000 students and a great many of these students depend on scholarships to make it through. That’s where your support can make a real difference! Your gift to the Wake Tech Foundation can help a student graduate, start on a career pathway, and become a contributing member of our community.

Help make dreams come true.
Give a scholarship gift today!

foundation.waketech.edu

WAKE TECH
FOUNDATION

Facts and Finds



Community College Pays Off

Graduates who earn certificates at community colleges earn an average of nearly \$9,000 more than those who go through for-profit training programs, according to new data from the U.S. Department of Education.

“Some institutions are clearly paying off for graduates, offering a high-value degree relative to other institutions,” the report notes. “In particular, programs offered by community colleges outperform comparable for-profit programs.”

Students who attend community colleges not only benefit from higher post-graduate earnings, but they also incur a fraction of the debt borne by their for-profit counterparts.

Another study by the National Center for Education Statistics found that graduates who earned an occupational credential — such as certificates in agriculture, business, computer science, and other common programs at community colleges — had a higher rate of employment in their fields of study than graduates who received degrees in academic areas like English, liberal arts, mathematics, philosophy, or history.

Sources: US Department of Education, (ed.gov/news/press-releases/education-department-releases-new-graduate-earnings-data-career-college-programs); National Center for Education Statistics (nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2016107)



Happy Hour

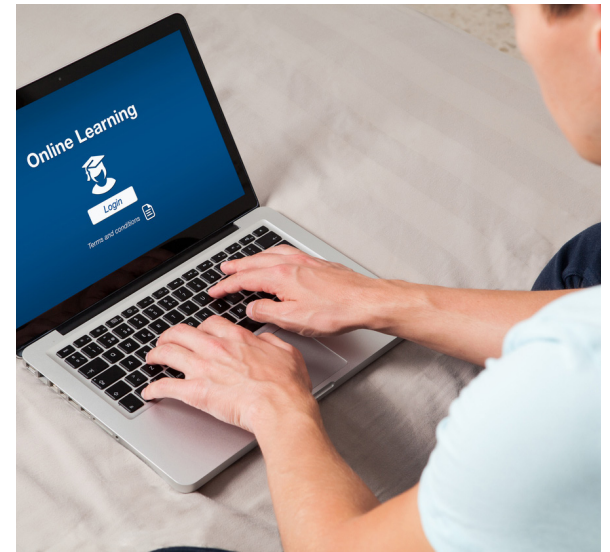
It turns out Pharrell Williams may have been thinking about Raleigh with his hit song, “Happy,” a few years ago. Out of a list of America’s 150 largest cities, Raleigh is the only North Carolina city to make it into the top 25 on Wallethub’s 2017 Happiest Places to Live list. According to the consumer financial website, Raleigh ranked 23rd, while Durham came in at 39, and Charlotte 41. The study was based on three key factors: emotional and physical well-being, income and employment rate, and community and environment factors. So go ahead, smile! Or to quote another oldie but goodie, “Don’t worry, be happy!”

Source: wallethub.com

Surfing for an Online Degree

When it comes to online associate degrees, WakeTech ranks #11 in the nation! That’s according to bestcolleges.com. The website highlights many popular online programs, including Accounting, Business Analytics, Computer Programming, Criminal Justice, Data Science, Supply Chain Management, and Web Developer. Online programs like these are making it possible for many students to earn a degree while juggling work and family obligations. WakeTech now serves more online students than any other community college in North Carolina. Best of all, WakeTech’s EPIC initiative prepares faculty to teach online and students to succeed!

Source: bestcolleges.com/features/top-online-schools



Want to Stay Sharp? Keep busy!



Staying busy and learning new things can keep us sharper as we age, according to recent research. A study of older adults found those with busy schedules tended to perform better on memory, logic, and information processing tests. “We think it is likely that being busy is good for your cognition,” says Sara Festini of the Center for Vital Longevity at the University of Texas. Festini conducted a study in which 330 men and women between the ages of 50 and 89 rated their “busyness” in response to questions like, “How often do you have too many things to do each day to actually get them all done?” Overall, the busier people said they were, the better they did on the tests. Although many people consider a packed schedule to be a source of stress, Festini suggests that the study “provides further motivation to seek out additional activities and to keep learning new skills throughout adulthood.”

Source: health.usnews.com/health-care/articles/2016-05-17/keep-busy-stay-sharp

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Advisors: Helping You Navigate Your Future

Completing your college education is much like taking a trip. Most students know their starting point but don't know exactly how to get to their final destination. For some students, the journey might be like a trip from Raleigh to Charlotte, while for others, it's more like a cross-country adventure! Regardless of the journey, advisors help students navigate: identify a plan for reaching the desired destination, re-calculate when obstacles arise and cause detours, and take advantage of resources and opportunities outside the classroom, to get the most out of their journey. Think of Wake Tech advisors as personal navigators for college success!

Just as there are many routes to choose from when traveling, there is no one perfect route to reach your final destination, be it employment or admission to a university. When students first come to Wake Tech, they meet with their advisors to explore goals and determine a plan that fits their needs. If you aren't sure exactly which direction to take, an advisor can connect you with resources to help clarify your plan. When you're ready to choose a path, you'll learn about program requirements and plan your first semester.



Christie Richards

At Wake Tech, advisors are more than course planners or gatekeepers for registration – they're knowledgeable advocates who can help you overcome challenges, from a difficult course to questions about your career choice. Advisors can help you formulate a plan to tackle those obstacles, connect you with college and community resources, and encourage you to keep going.

Wake Tech advisors encourage students to meet with them every semester – and with technology, it's easier than ever! You can meet in person or by

TOP TEN REASONS TO MEET WITH AN ADVISOR

- 10 Learn about campus resources
- 9 Find out when transfer colleges will visit
- 8 Review and understand test scores
- 7 Confirm transfer credit
- 6 Decipher registration error messages
- 5 Learn about transfer options
- 4 Find out about adding or dropping a class
- 3 Change or add a program
- 2 Plan next semester's courses
- 1 Understand the requirements for your degree

phone, email, chat, or social media. "It helps students to have a point person on campus," says Advisor Christie Richards. "They feel comfortable enough to come back, and to ask questions."

Graduation day is not just a special occasion for students and their families: it's a favorite event for advisors as well. Advisors want to see students succeed and meet the goals they outlined at the beginning. Whether headed to a job or a university, graduates have gained valuable knowledge, practical tools, and confidence from advisors for the next phase of their journey.

Any journey can be tricky, so why do it alone? As Advisor Allyson Naylor says, "One of the most rewarding aspects of my position is being able to connect students to resources they weren't even aware of."

Learn more at advising.waketech.edu.



Allyson Naylor (right)

SAT® and ACT®
exam prep sessions


Test with
Confidence!

top quality | affordable | convenient

Wake Tech's College Test Prep sessions can help you prepare for the SAT® and ACT® college entrance exams.

Evening and weekend classes at a Wake Tech location near you!

A project of the Wake Tech Foundation
collegetestprep.org



WAKE TECH
Lead the way.

6 Steps to Enroll at Wake Tech

- 1** Apply online
admissions.waketech.edu
- 2** Request financial aid and veterans benefits
financialaid.waketech.edu
- 3** Request transcript(s)
Have high school/high school equivalency and college transcripts, SAT scores, and/or ACT scores mailed to: Wake Technical Community College Admissions Office, 9101 Fayetteville Road, Raleigh, NC 27603 or sent electronically to:
transcripts@waketech.edu
- 4** Schedule a placement test
testingcenter.waketech.edu
- 5** Meet with an advisor
advising.waketech.edu
- 6** Attend New Student Orientation
orientation.waketech.edu

NOW YOU'RE READY TO REGISTER FOR CLASSES!

Browse class offerings and plan your schedule: Visit webadvisor.waketech.edu, click **Future Students**, then **Search** for Curriculum Sections

Take the Online Learning Readiness Assessment if taking an online course. Visit eli.waketech.edu

TO REGISTER FOR CLASSES:

- Visit webadvisor.waketech.edu, click Log In and enter your Student Account User ID and password
- Select Current Curriculum Students (Credit)
- Under "Registration," click **Register for Sections** and follow the prompts to select classes
- **Pay for your classes** – online or on campus – before the deadline, and you're set!

QUESTIONS ABOUT ADMISSIONS OR ADVISING?

- Admissions: Visit admissions.waketech.edu or email admissions@waketech.edu
- Advising: Visit advising.waketech.edu or email advising@waketech.edu
- Phone: **919-866-5500**

QUESTIONS ABOUT REGISTRATION?

- Email registrar.waketech.edu or call **919-866-5700**



Wake Tech offers degree programs, training, and career credentials to help you land your dream job!

Get started today ...
on a journey that can change your life.

Classes fill quickly, so act now!

admissions.waketech.edu | 919-866-5500



A rewarding future is in your hands!

At WakeTech, we're "hands-on"! With small classes, individualized attention, and faculty dedicated to your success, we can help you find the career pathway you've always wanted. Take a look at all the options that await you, and get started today! We're here to help!

For more information call 919-866-5500



Credentials Key:

AAS = Associate in Applied Science

D = Diploma

C = Certificate

WakeTech Community College A-Z

Area of Study	Credentials Offered	Prepares you for:	Entry- to mid-level salary range*
Associate degrees for college transfer		Transfer to a senior institution: Associate in Arts (AA), Associate in Engineering (AE), Associate in Fine Arts – Art (AFA), or Associate in Science (AS)	
Accounting	AAS, D, C	Careers that involve analyzing, processing, and communicating information about financial operations; workplaces include accounting firms, businesses, banks, hospitals, school systems, and government agencies.	\$30,250 - \$44,000
Advertising and Graphic Design	AAS, C	Occupations in graphic design; job opportunities found in advertising agencies, graphic design studios, printing companies, department stores, manufacturing industries, newspapers, and businesses with in-house graphics operations.	\$26,100 - \$74,700
Agricultural Systems Technology	AAS, D	Occupations involving troubleshooting and repair of agricultural equipment, including farm tractors, planters, sprayers, and harvesters; entry-level employment in agricultural systems equipment repair businesses.	\$24,645 - \$47,598
Air Conditioning, Heating & Refrigeration Technology	AAS, D, C	Employment as a technician trained to design, install, and service air conditioning, heating, and refrigeration equipment; work with residential and light commercial systems, including start-up and preventive maintenance.	\$29,472 - \$46,964
Architectural Technology	AAS, C	Positions that involve the preparation of construction documents, including environmental and structural systems, materials and methods, and building codes; employment in the architectural, engineering, and construction professions.	\$26,434 - \$47,319
Automotive Systems Technology	AAS	Employment as an automotive services technician; workplaces include car dealerships, repair shops, and other automotive service organizations; eligibility to take Automotive Service Excellence (ASE) exam.	\$27,740 - \$50,980
Baking & Pastry Arts	AAS, D, C	Occupations including baking/pastry assistant or assistant pastry chef in restaurants, hotels, independent bakeries, and pastry shops; opportunities in entrepreneurship or for advancement to pastry chef, cake designer, or bakery manager.	\$25,000 - \$51,000
Biopharmaceutical Technology	AAS, C	Careers in pharmaceutical manufacturing, chemical quality assurance, microbiological quality assurance, product inspection, documentation review, manufacturing, and product/process validation.	\$24,568 - \$45,082
Business Administration	AAS, C	Professions in business involving marketing, sales, customer service, finance, or business management in public, private, profit, and nonprofit organizations.	\$37,000 - \$83,700
Business Administration/ Global Business Management	AAS, C	A career focused on managing and leading in a global economy to include positions in public, private, profit and non-profit organizations.	\$37,000 - \$85,400
Business Administration/ Human Resources Management	AAS, C	Positions in human resources departments, including recruitment, staffing, training, compensation, and human resources development; work in public, private, profit, and non-profit organizations.	\$38,040 - \$57,400
Business Administration/ Marketing	AAS, C	A career in marketing to include opportunities in advertising, sales, social media marketing, marketing research and application; working in public, private, profit and non-profit organizations.	\$31,200 - \$55,680
Business Analytics	AAS, C	A career as a business analyst with the ability to analyze and propose methodologies which help firms increase profitability in diverse industries, including health care, marketing, information technology, and finance. Graduates qualify to sit for SAS certification exams.	\$35,000 - \$60,000
Civil Engineering Technology	AAS, C	A position as an office or field technician involved in construction management, site planning, construction layout, site inspections or materials testing; employment in public and private sectors of the engineering and construction industry.	\$26,892 - \$59,321
Collision Repair and Refinishing Technology	AAS, C	Employment as an entry level collision repair technician, workplaces include car dealerships, repair shops, and other automotive service organizations; eligibility to take Automotive Service Excellence (ASE) exam.	\$32,020 - \$54,660
Computed Tomography - CT	C	Occupations involving skilled use of specialized equipment to visualize cross-sectional anatomical structures and aid physicians; eligibility for the American Registry of Radiologic Technologists testing. (Advanced-Level)	\$54,184 - \$67,600
Construction Equipment Systems Technology	AAS, D, C	Employment in construction equipment systems troubleshooting and repair; work on equipment including dozers, scrapers, loaders, and forklifts; entry-level employment in construction equipment repair businesses.	\$25,000 - \$45,000
Construction Management Technology	AAS, C	Job opportunities including construction project manager, superintendent, foreman, or estimator in the residential or commercial construction industry.	\$34,253 - \$43,210
Cosmetology	AAS, D	Careers in cosmetology, providing professional imaging, hair design, chemical processes, skin care, and nail care in salons and spas; graduates qualify to sit for the State Board of Cosmetic Arts exam.	\$15,962 - \$47,383

Area of Study	Credentials Offered	Prepares you for:	Entry- to mid-level salary range*
Criminal Justice Technology	AAS, C	Professions in law enforcement, corrections, and security fields; positions include police officer, deputy sheriff, county detention officer, state trooper, parole surveillance officer, correctional officer, and loss prevention specialist.	\$32,508 - \$56,319
Criminal Justice Technology/ Forensic Science	AAS, C	Employment as a crime scene technician/processor (first responder) with skills in collection and preservation of evidence, sketching crime scenes with CAD software, and analysis, lifting, classification, and preservation of fingerprints.	\$34,410 - \$56,360
Culinary Arts	AAS, D, C	Employment as a trained professional in food service with potential advancement to sous-chef, executive chef, or manager in restaurants, resorts, or as a business owner; American Culinary Federation certification is available to graduates.	\$23,000 - \$55,000
Dental Assisting	D	Career classification as a DA II by the NC State Board of Dental Examiners, eligibility to take the Dental Assisting National Board Examination to become a Certified Dental Assistant (CDA); employment in dental offices, clinics, and dental schools.	\$35,390 - \$50,544
Dental Hygiene	AAS	Professions involving the assessment, planning, implementation, and evaluation of dental hygiene services; eligibility to take the state/regional and national exams for licensure; work in dental offices, public health agencies, and dental schools.	\$57,200 - \$74,526
Diesel and Heavy Equipment Technology	AAS, D, C	Jobs in vehicle repair businesses; entry-level troubleshooting and repair of medium- and heavy-duty vehicles, including repair of engines, electrical and hydraulic systems, transmissions, brakes, and steering/suspension systems.	\$29,261 - \$54,105
Early Childhood Education	AAS, D, C	Professions working with children in learning environments, including family child care homes, preschools, public and private schools, recreational centers, Head Start programs, child development programs, and programs for school-aged children.	\$20,300 - \$45,300
Electrical Systems Technology	AAS, D, C	Positions in the electrical profession, assisting in the layout, installation, and maintenance of electrical systems in residential, commercial, and industrial facilities.	\$28,000 - \$49,282
Electronics Engineering Technology	AAS, C	Occupations designing, building, installing, testing, troubleshooting, and repairing electronic components and systems; positions include electronics engineering technician, field service technician, maintenance technician, or production control technician.	\$32,500 - \$66,470
Emergency Medical Science	AAS	Employment as a paramedic, with knowledge and skills in basic and advanced life support; eligibility for state and national certification exams; workplaces include fire and rescue agencies, air medical services, urgent care centers, and physician practices.	\$25,625 - \$37,585
Esthetics	C	Performing skin care, makeup application, scientific manipulations, and electrical applications; work environments include day spas, salons, medical practices, cruise ships, and destination resorts.	\$24,300 - \$36,000
Fire Protection Technology	AAS, C	Careers in fire protection and safety, with governmental agencies, industrial firms, insurance rating organizations, and municipal fire departments. Program also serves as a basis for continued education toward management positions.	\$30,000 - \$40,000
Geomatics Technology	AAS, C	A position as a survey crew chief, instrument operator, or office technician/CAD operator; involved in construction, GPS, boundary, and topographic surveying and mapping; employment in the surveying, engineering, or construction industry.	\$33,483 - \$48,913
Health and Fitness Science	AAS, C	Positions in health and wellness programs in commercial fitness clubs, business, industry, YMCAs/YWCAs, parks, recreation, and other organizations with exercise and fitness programs.	\$24,130 - \$59,830
Heavy Equipment Operator	D, C	Jobs that require driving, maneuvering, or operating heavy equipment, including backhoes, excavators, and dozers, which are used to construct roads, bridges, and buildings; employment in the construction industry or with government agencies.	\$34,750 - \$48,480
Hospitality Management	AAS, D, C	Careers in the food and lodging industry including front office, reservations, housekeeping, purchasing, dining room, and marketing; entry-level, supervisory, and managerial employment in hotels, motels, resorts, inns, restaurants, and clubs.	\$28,640 - \$51,030
Human Services Technology	AAS	Entry-level positions in institutions and agencies that provide social, community, and educational services, including mental health, child care, rehabilitation, and education.	\$25,140 - \$34,750
Human Services Technology/ Mental Health	AAS	Entry level positions including treatment assistant, community liaison, or behavioral disorder counselor; work in mental health settings assisting a treatment team or implementing treatment plans.	\$28,850 - \$38,520
Human Services Technology/ Substance Abuse	AAS, C	Employment as substance abuse counselors, DWI counselors, halfway house staff, residential facility employees, and substance abuse education specialists in facilities that provide these services.	\$25,140 - \$40,400
Information Technology - Cyber Security	AAS, D	Employment as security administrator who utilizes networking technologies, intrusion detection, security administration, and industry best practices to protect data communications; eligibility to pursue security certification.	\$43,113 - \$100,510
Information Technology - Computer Engineering	AAS	Occupations in electronics technology, computer service and support, computer networking, server administration, programming, and other areas requiring a knowledge of electronic and computer system repair.	\$44,000 - \$112,000
Information Technology - Computer Programming and Development	AAS, C	Careers in the design and development of desktop and web applications, proficient in Java, MVC, REST, unit testing, server-side JavaScript, and SQL; positions include programmer, software developer, and quality assurance specialist; work settings include healthcare, manufacturing, and software publishing.	\$50,000 - \$107,000
Information Technology - Data Science and Programming Support Services	AAS, C	The design and development of desktop and web applications with an emphasis on business logic and data-driven applications; proficient in Python, SQL, XML, JavaScript; occupations include database specialist, programmer/analyst, and quality assurance specialist in a wide variety of work settings.	\$60,000 - \$129,000
Information Technology - Healthcare Business Informatics	AAS	Positions supporting healthcare organizations that implement, deploy, and support healthcare IT systems in U.S. clinical settings; eligibility to take certification examinations for various healthcare network environments.	\$33,087 - \$68,680
Information Technology - Mobile Applications Developer	AAS, C	Positions involving the design of mobile applications for Android and iOS mobile devices; proficient in HTML, CSS, JavaScript, jQuery, Java, Swift, and UI/UX; work as a programmer, software developer, mobile application developer, programmer/analyst, technical support specialist, software tester.	\$43,000 - \$94,000
Information Technology - Network Management	AAS, C	Positions supporting local- and wide-area networks; employment as local-area network manager, network operator, network analyst, or network technician; eligibility to take certification examinations for various network environments.	\$36,318 - \$77,935
Information Technology - Software and Web Development	AAS, C	A career as a software developer, web developer, programmer/analyst, software architect, technical support specialist, software tester, technical writer, proficient in C#, .NET, MVC, HTML, JavaScript, and SQL; work in healthcare, manufacturing, insurance, finance and software publishing.	\$50,000 - \$104,000
Information Technology - Storage & Virtualization	AAS	Industry-specific certification exams; Careers in computer technology involving datacenter technologies, virtualization methods, and large volume storage centers; work as designers, testers, developers, or support technicians in organizations which rely on computer systems to design and manage information.	\$33,906 - \$74,643

Area of Study	Credentials Offered	Prepares you for:	Entry- to mid-level salary range*
Information Technology - Technical Support	AAS, C	Careers in systems maintenance, troubleshooting, support, training, business applications design and implementation; opportunities for advancement and skill building, often through employer-sponsored training.	\$33,087 - \$68,680
Information Technology - Web Designer	AAS, C	The ability to develop and maintain professional, high-quality websites; proficient in HTML, CSS, JavaScript, web analytics; occupations include webmaster, user experience specialist, web designer, analyst, and support specialist; work in a wide variety of industries or as a freelance web designer.	\$50,000 - \$70,000
Information Technology - Web Developer	AAS, C	The development of high-quality websites, including web application components; proficient in HTML, CSS, JavaScript, jQuery, ASP.NET, PHP, web analytics, content management systems; careers include programmer, web developer, web content developer, webmaster, and web analyst.	\$50,000 - \$85,000
Interior Design	AAS	Careers in commercial and residential interior design, set design, and/or showroom design, with training in professional practices, aesthetic principles, computer-aided design, color theory, and business practices.	\$23,691 - \$44,862
Lateral Entry Teaching	C	Lateral Entry Teaching in NC Public Schools at the middle- or high-school level; program consists of coursework needed to become licensed by the NC Department of Instruction. Applicants must have a bachelor's degree and meet additional criteria.	\$37,710 - \$41,760
Magnetic Resonance Imaging (MRI)	D	Employment as an MRI technologist who uses magnetic energy fields to produce images of the human body in health care facilities; eligibility to take the American Registry of Radiologic Technologists (ARRT) examination for certification and registration.	\$54,184 - \$67,600
Mechanical Engineering Technology	AAS, C	Employment as a mechanical technician, assisting in the design, development, testing, and repair of mechanical equipment for manufacturing, fabrication, research and development; careers involving skills to design, invent, and troubleshoot products.	\$34,155 - \$47,036
Medical Assisting	AAS, D	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).	\$27,758 - \$34,652
Medical Laboratory Technology	AAS	Careers performing laboratory procedures used in the diagnosis and treatment of disease; work in hospitals, laboratories, and research facilities; eligibility for National Certification exam by the Board of Certification of the American Society for Clinical Pathology.	\$35,692 - \$57,720
Medical Office Administration*	AAS, D, C	Medical administrative support positions including medical records clerk, insurance specialist, and patient services representative; workplaces include healthcare facilities, insurance billing offices, labs, and manufacturers of medical equipment.	\$25,000 - \$36,400
Mission Critical Operations	AAS, C	Performing repairs and maintenance of mechanical and electrical equipment for critical data storage, manufacturing, and information processing; careers involving skills to recognize, diagnose, and troubleshoot threats to critical operations of 24-hour facilities and operations.	\$36,700 - \$51,000
Nursing, Associate Degree	AAS	A career as a registered nurse, upon successful completion of the National Council Licensure Exam (NCLEX); workplaces include hospitals, long-term care facilities, clinics, physicians' offices, industry, and community agencies.	\$56,000 - \$79,000
Office Administration - Legal Office	AAS, C	Careers include Legal Office Manager, Legal Secretary, Legal Administrative Assistant, Legal Records Clerk, and Office Services Manager with employment opportunities in government agencies, the court system, law offices, real estate offices, financial institutions, and large to small offices and businesses. Students are eligible to take industry-recognized certification exams.	\$35,000 - \$60,000
Office Administration - Office Finance	AAS	Careers include Administrative Assistant, Office Manager, Office Services, Office Services Assistant, and Accounts Receivable/Accounts Payable Clerk with employment opportunities in government agencies, real estate offices, financial institutions, and large to small offices and businesses. Students are eligible to take industry-recognized certification exams.	\$32,000 - \$50,000
Office Administration - Office Professional	AAS, D, C	Careers include Administrative Assistant, Executive Assistant, Receptionist, Office Manager, and Office Services with employment opportunities in a variety of office positions in business, government, and industry. Students are eligible to take industry-recognized certification exams.	\$30,000 - \$45,000
Office Administration - Office Software	AAS, C	Careers include Administrative Assistant, Executive Assistant, Office Manager, and Office Services with employment opportunities in government agencies, financial institutions, and large to small offices and businesses. Students are eligible to take industry-recognized certification exams.	\$32,000 - \$50,000
Pharmacy Technology	AAS, D	Employment as pharmacy technicians who assist licensed pharmacists; work in medication compounding, specialty and medication therapy management pharmacies, and hospitals; eligibility to take the national Pharmacy Technician Certification Exam.	\$20,640 - \$54,932
Phlebotomy	C	Careers in the field of phlebotomy, obtaining and transporting blood and other specimens for laboratory analysis; eligibility for national certification as a phlebotomy technician; work in hospitals, clinics, laboratories, and other health care settings.	\$26,728 - \$34,049
Plumbing	D,C	Jobs assisting with the installation and repair of plumbing systems in residential and small commercial buildings; employment with maintenance companies, plumbing contractors, and parts suppliers.	\$29,076 - \$48,682
Radiography	AAS	A career as a radiographer, who uses radiation to produce images of the human body; work in hospitals, clinics, or physicians' offices; eligibility to take the American Registry of Radiologic Technologists' national exam for certification.	\$40,684 - \$60,944
Simulation and Game Development	AAS, D, C	Careers as designers, artists, animators, programmers, testers, quality assurance analysts, engineers, or administrators in the entertainment industry, health care, education, corporate training, and government agencies.	\$40,100 - \$78,000
Supply Chain Management/ Distribution Management	AAS, C	Logistics positions that include warehousing, distribution, materials management, transportation, and logistics analysis; employers include government agencies, manufacturing, retail, and service organizations	\$31,000 - \$50,000
Supply Chain Management/ Global Logistics Technology	AAS, C	Careers involving the production, movement, and distribution of materials and goods around the globe; employers include government agencies, manufacturing, retail, and service organizations	\$31,000 - \$50,000
Surgical Technology	D	Employment as a skilled member of a surgical team; job opportunities in labor and delivery, emergency, inpatient/ outpatient surgery centers, dialysis units, and physicians' offices.	\$34,049 - \$44,824
Therapeutic Massage	D	Occupations providing client care through therapeutic massage; workplaces include medical practices, athletic settings, spas, and private practices; eligibility to take the MBLEx and apply for a North Carolina license.	\$30,534 - \$54,600
Welding Technology	AAS, D, C	Jobs in the welding and metalworking industry; employment as an entry-level technician in construction, manufacturing, fabrication, sales, and quality control environments.	\$30,447 - \$40,255

Sources: U.S. Department of Labor www.bls.gov, www.salary.com, www.nacweb.org, and employer surveys. Salaries may vary based on experience, education, and location.



A Vision of Service

Meeting the Challenges of Basic Law Enforcement Training



Trooper Roderick Williams

Roderick Williams had a clear vision: to have his very own NC State Highway Patrol cruiser sitting in the driveway. But realizing that vision presented challenges.

Roderick enrolled in NCSHP training in 2012 but failed the state exam. He then enrolled in Wake Tech's Basic Law Enforcement Training (BLET) Academy, but finances forced him to drop out. Unlike more than half of BLET cadets – whose training is paid for by sponsoring law enforcement agencies – Roderick had to pay his own way. He didn't want to give up his dream, however, so in 2015, after working several jobs and saving, he applied to Wake Tech again and joined the 10-month night class.

The BLET Academy offers day and nighttime options. Night class meets for five hours, four nights a week. Outside of class, cadets have to make

time for regular workouts, to meet the physical and mental demands of the training and pass the POPAT (Police Officer's Physical Ability Test). The timed skills test includes running, push-ups, rolling with a 100-pound grappling bag, scaling a 4-foot fence, and dragging a 175 pound mannequin.

"We're preparing students to be public servants, and they'll be expected to meet the highest standards of performance and personal behavior," says Jon Gregory, BLET director. "In addition to fitness training, Wake Tech cadets learn first responder skills, criminal law, officer survival training, and law enforcement-related computer software."

"We're preparing students to be public servants, and they'll be expected to meet the highest standards of performance and personal behavior."

The job market for entry-level law enforcement officers is strong, according to Gregory. Wake County has a number of small town and specialty law enforcement departments, and many current officers are nearing retirement age.

After years of pushing himself and refusing to give up, Roderick graduated from Wake Tech in the spring of 2016. The college helped him connect with Highway Patrol recruiters, and he's now a North Carolina State Trooper – with his very own patrol car!

What would he tell those thinking of applying to BLET? "Make sure you're ready for the challenges of the training. You'll need a support system to be successful, and Wake Tech is second to none!"

Cadet positions are highly competitive; only 28 students are accepted for each class, and students must have a good driving record and a clean criminal record. Ready to challenge yourself and become a law enforcement officer? Learn more at blet.waketech.edu or call 919-866-6122.

Pharmacy Technology

Wake Tech's Pharmacy Technology program can prepare you for a rewarding and lucrative career in health care. Work alongside pharmacists to calculate drug dosages, dispense medications, and educate patients. Pharmacy Technicians are always in demand!

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FIND yourself.

Every once in a while, you have an experience that really has an impact on your life. This was one of them.

-Joe M., Class of 2016

He's an American hero. Joe M. suffered a severe brain injury serving in the military overseas. He knew that coming back to school would not be easy, but he enrolled in a "high tech, high-touch" online psychology class at Wake Tech that changed his life. Now he's on his way to pursuing a degree in Psychology and a career as a counselor.

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waketech.edu

#FindYourself
  



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