

CareerFocus™

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Feature

Eye on the Eagles



It's his dream. Lance Beckwith hopes to someday become a professional athlete: "I want to be able to provide a better life for my family someday." Lance took another leap toward that dream as a starting player on Wake Tech's first competitive men's basketball team. Wake Tech added men's and women's basketball one year



after launching its athletics program in the fall of 2008.

"I feel privileged to be able to play with this team," says Lance. "I want to be remembered as a person who helped start this program and get it off the ground."

Many in Raleigh already remember Lance. He was a starting point guard on the Word of God Christian Academy team when they won the state championship in 2008. After graduating, he had a successful year at Bethany College in West Virginia, where he was voted the ECAC South Region's Rookie of the Year. Now he's hoping that playing for a two-year college like Wake Tech will increase his chances of being recruited by a top university next year.

"Recruiters like to keep track of high school players," says Wake Tech Athletics Director Barry Street. "and we're glad they do. At Wake Tech, we offer a competitive basketball program, while helping our athletes move on to four-year schools – to play sports, get a higher degree, or both."

Street also coaches the Wake Tech women's basketball team, where he works with players like 19-year old Rachelle Stickel. "It's a great opportunity to get good coaching and develop my skills to prepare me for the next level," Rachelle says.

The men's and women's basketball teams are cheered on by Wake Tech's first cheerleading squad, led by Wendi Huskins, adjunct instructor in the Early Childhood Education program. In addition to basketball, Wake Tech offers men's soccer and women's volleyball in the fall, and



golf in the spring; baseball and softball are being added to the spring lineup this year.

Support your teams! Come out to the games and help us cheer on the Wake Tech Eagles! You can find the schedules for all Wake Tech sports at <http://athletics.waketech.edu>.

GO EAGLES!!

Growing GREENER

It's the biggest, newest, and "greenest" addition to Wake Tech's Northern Wake Campus. At just under 75,000 square feet, Building D has 29 classrooms – almost as many as the campus's other two instructional buildings combined! It has nine computer labs, two physics labs, two fine arts classrooms, a distance learning classroom, and a drama room, as well as a coffee shop for students and faculty.

On top of all that, Building D has features that make it one of the most energy efficient college buildings around! It uses daylight harvesting – a system that detects the amount of light coming in from outside and automatically dims

inside lights to save energy. It has occupancy sensors in rooms that automatically turn off lights when no one is there. It has a white roof that reflects the sun, a roof overhang and louvers on the building's south side that block the sun, and high-efficiency condensing boilers, pump motors, and fan.

Building D is designed to reach the Silver level of LEED certification, the U.S. Green Building Council's rating system for environmentally-friendly construction. Other buildings on the Northern Wake Campus are already LEED certified; in fact, the Northern Wake Campus is the first college campus in the country to



be completely LEED certified. Now that's "leading" the way to a greener future, for sure!



CareerFocus™

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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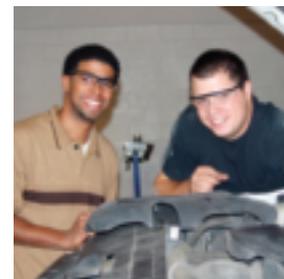
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On the cover:
 21-year old George Neslen will receive his Culinary Arts Technology degree and Baking & Pastry Arts certificate in May 2010.

Find Answers to your Career Questions
CareerFocus Café
www.careerfocuscafe.com

CareerFocus Café is the new online companion to CareerFocus magazine

From the President

Welcome to Career Focus – as you can see from our cover, we're busy preparing good things for you! Wake Tech offers coursework and programs for students of all ages and interests, in high-demand fields such as hospitality, biotech, health care, office systems, and "green" technologies, to name a few. You can gain razor-sharp skills and earn credentials for some of the most sought-after jobs in today's market. We also offer multiple campus sites for your convenience, as well as online courses that let you create your own schedule.

This publication can help you zoom in on your goals and prepare yourself to reach them. Registration information, class times, and tuition costs are included in the pages that follow.

We hope you'll sample what we have to offer and get a taste of the educational opportunities here for you.

Dr. Stephen C. Scott
 President



On the Cover



Food for Thought

Wake Tech Gives Culinary Students a Taste of Their Future

Today's menu: grilled lamb chops with rosemary mashed potatoes, seared sea scallops on a bed of vegetable julienne, sautéed chicken breast Marengo, and grilled Portobello mushroom pizza.

Is your mouth watering yet??

By Laurie Clowers

Lunch at Flavors Restaurant, on Wake Tech's Main Campus, is always quite a treat. But it's not just the cuisine that makes Flavors special, it's the staff! All the food is prepared and served by students in Wake Tech's culinary programs. One of those students, 23-year old Sara Grimm, a 2004 graduate of Cary High School, became interested in culinary while working in an Italian restaurant; now, she aspires to become a chef. "I enjoy this!" says Sara. "It's exciting and I get to be creative."

Wake Tech, recognized as a leader in hospitality training, offers three distinct programs: Culinary Technology, Baking & Pastry Arts, and Hotel and Restaurant Management. Each program offers options for a two-year Associate in Arts degree or a one-year certificate.



Culinary Technology

Wake Tech's Culinary Technology program, the only full culinary program in Wake County, incorporates everything from basic knife skills and line cooking to baking and food and beverage service. "We give students a taste of all aspects of the culinary world," says department head

Jeff Hadley. Culinary Technology attracts students from all over the state, including 21-year old George Neslen (on the cover), who moved here for the program from the North Carolina mountains, and 29-year old Christina Reed, who commutes from Goldsboro. "This is a great program," says Christina. "With small class sizes, the instructors get to know us one-on-one and teach us every detail, so we're ready to work in whatever culinary role we choose in the future." Culinary Technology prepares students to work as chefs and culinary professionals in a variety of food service settings, including restaurants, hotels, resorts, clubs, catering operations, and health facilities. More information is available at <http://culinary.waketech.edu>.



Charlene Miller

as a secretary while her daughter was young; now that her daughter is grown, Charlene felt it was time to do what she had always wanted to do. "I always wanted to open my own bakery, but I wanted to do it right," she says. "Now I'm more confident and better prepared." The Baking and Pastry Arts program provides hands-on training in artisan breads, cake decorating,



Christina Reed

Baking & Pastry Arts

"I love anything sweet!" says Charlene Miller, who at the age of 48 will be the first graduate of Wake Tech's new Baking and Pastry Arts program. The program was launched in the fall of 2008. Charlene, a single mother, worked



says Jane Broden, lead instructor in the Hotel and Restaurant Management program. “Graduates leave understanding how to take care of the customer and how to run the business.” Broden helped to develop an award-winning training program used by staff at the new Raleigh Convention Center and other Triangle establishments (see photo). Read more at <http://hrm.waketech.edu>.



What's for LUNCH?

To make a reservation for Flavors Restaurant, visit <http://flavors.waketech.edu>.

Due to high demand, reservations are awarded through a lottery system. Reservation requests are accepted two weeks in advance. Good luck!

classical and European pastries, chocolate artistry, and showpieces. Students showcase their talents each spring at Wake Tech's Annual Pastry Show & Competition (see insert). Visit <http://baking.waketech.edu> to learn more.

Hotel and Restaurant Management

The hospitality industry is booming in the Triangle, with a variety of new restaurants, hotels, and clubs opening. These establishments need managers as well as front office, dining room,

and housekeeping staff. Wake Tech's Hotel and Restaurant Management Program prepares students for supervisory and managerial positions in the hospitality field. “We're helping to train a workforce of skilled professionals for Wake County's growing hospitality industry,”

Wake Tech, recognized as a leader in hospitality training, offers three distinct programs: Culinary Technology, Baking & Pastry Arts, and Hotel and Restaurant Management.



The Greater Raleigh Convention and Visitors Bureau presented Wake Tech with the prestigious Thad Eure Jr. Memorial Award for its world-class hospitality and customer service training program. In this photo: Penny Prichard, Jane Broden, Dr. Stephen Scott and Jeff Hadley.

PASTRY SHOW & CULINARY SALON

Save the Date!

Wake Tech Pastry Show and Culinary Salon

April 12th & 13th
2010

- Live Cake Challenge
- Training Sessions
- Demonstrations

For more information, please visit baking.waketech.edu

Spotlights

Student Spotlight

Alyssa Parry Student Government Association (SGA) President

Alyssa Parry is an outstanding young student and a true trailblazer. In 2006, she was one of the first students to attend the Wake Early College of Health and Sciences at Wake Tech's Health Sciences Campus. Through hard work, she completed her high school requirements a year early!

Current standing: Working toward Associate in Science degree for university transfer (Spring 2010 graduation); president, SGA; member, Wake Tech Board of Trustees; member, Sigma Delta Mu.

Background: I've lived in Raleigh my whole life – almost. I was born in South Korea; when

I was five months old my parents adopted me and brought me home to Raleigh.

Special honors and awards: Award for Outstanding Achievement, Wake County Public Schools; Wake Tech SGA 2009 Award of Excellence.

Future plans: To transfer to UNC- Chapel Hill; major in biology and double minor in anthropology and chemistry; then continue into medical school to become a cardiothoracic surgeon.

Education and work experience: As the first high school graduate of the Wake Early College of Health and Sciences, I took college classes while in high school. I've done volunteer work as a camp counselor, a math tutor, and a pharmacy assistant.

Personal: I had open heart surgery when I was five years old. That experience planted the seed of wanting to become a doctor someday and help people. I live with my parents, Jaine and Brian Parry, and a house full of pets.

Hobbies: Dance, piano, and spending time with friends.

Best thing about Wake Tech is ... the smaller classes and teachers who are supportive and creative. For example, my Spanish teacher brought exotic foods to class instead of just talking about cultural differences – that made our studies more real.

Advice: Get involved! Join campus clubs and find volunteer and leadership opportunities. If there are things you don't like, you can get involved and make a difference!



Faculty Spotlight



Linda G. (Lynn) Tucker 2009 Instructor of the Year

Wake Tech Instructor Lynn Tucker has been known to break the ice in the classroom by breaking out in song – a Rap song! “You’re in a class called Medical Terms ... where we learn about tissues... and organs, and germs...”

“If it means doing a crazy rap song in the classroom, I’ll do it,” says Tucker, “I’ll step WAY outside my comfort zone, and show students they can too!”

Title: Instructor, Office Administration and Medical Office Programs, Business Technologies Division

Background: Twenty years as an educator; instructor at Wake Tech since 2005. Prior career in Respiratory Therapy.

Education: B.S. in Business Education, North Carolina A & T State University; M.S. in Business Education, North Carolina Central University.

Work experience: Education Coordinator, Alamance Regional Medical Center; Instructor, North Carolina A & T University; Director of Cardiopulmonary Services, Wesley Long Community Hospital.

Special honors and awards: Wake Tech 2009 Excellence in Teaching Award, Business Technologies Division; 2009 Instructor of the Year Award.

Personal/Family: I grew up in Greensboro and currently live in Cary with my husband, Hal Brown, and Annie, the cat who runs my life! My daughter, Karen, is married and has a new baby boy.

Hobbies: Crossword puzzles, poetry, koi fish, Enneagrams.

Best thing about Wake Tech is ... the emphasis on excellence and innovative leadership. A good manager walks the rocky road ahead of you and rolls the rocks out of the way. That’s how it is at Wake Tech – I often didn’t even know the “rocks” were there!

Advice: Work hard, but keep your sense of humor! One of my favorite quotes is by Sidney J. Harris: “When I hear somebody sigh, ‘Life is hard,’ I am always tempted to ask, ‘Compared to what?’”

Alumni Spotlight

A True Life-Saver

“It’s a really good feeling knowing we made a difference.”

Haley Swanson

By day, Haley Swanson (WTCC '05) is a successful dental assistant. Her career is a rewarding one – but it’s her “other job” that gave her one of the greatest rewards of her life. Haley is also an Emergency Medical Technician; she earned both her dental assisting degree and her certification in EMS from Wake Tech. “I had worked as an EMT in the past,” Haley says, “and I wanted re-

certification so I could do part-time work at the Durham Bulls Athletics Park.”

During a game at the DBAP in the summer of 2008, Haley’s skills were put to the test. A Durham police officer directing traffic outside the park collapsed. “It was hot out,” Haley says. “I figured the officer was probably dehydrated.”

The situation was actually far more dire than that. While another EMT administered CPR, Haley hooked up the Automated External

Defibrillator (AED), which indicated the officer needed to be shocked. “It was kind of scary to have to push that orange button,” Haley says, but without hesitation, she shocked the officer and gave him oxygen; he quickly came to. It turned out the officer had a genetic heart condition he never knew he had. He was extremely grateful to Haley for saving his life. “It’s a really good feeling knowing we made a difference,” she says.



Stay Connected! If you’ve graduated from Wake Tech, or ever completed a course, you’re a part of the Wake Tech family. Enjoy discounts on auto insurance, travel and more! Visit <http://alumni.waketech.edu>

Hey High School Students!

Here are the Top **5** Reasons to Choose Wake Tech

1. Wake Tech has a seamless college transfer program. Our partnerships with four-year colleges and universities pave the way for you to earn an associate's degree at Wake Tech and then transfer to a UNC system university or private college for your bachelor's degree! What's more, if you choose one of Wake Tech's many technical programs like Accounting, Information Technology or Criminal Justice, you'll transfer with a degree and a marketable skill!

2. You can have a fun and memorable college experience, with a wealth of activities to choose from: be a

student government leader; enjoy college sports - basketball, soccer, volleyball, golf, or baseball – as a player or as a fan; or join one of Wake Tech's 30+ clubs and meet people with similar interests – in art, computers, design, or video gaming, to name a few!

3. Enjoy individual attention from teachers and advisors. You're not just a number at Wake Tech! We offer small classes with one-on-one interaction between students and instructors. Wake Tech's average class size is 22, which means you'll know your teachers and advisors – better yet, they'll know you! Our focus is your success!



4. Gain a competitive edge through Wake Tech's Honors Program, where you can take on academic challenges, assume leadership roles, work with faculty mentors, and polish your presentation skills. It's a great way to build your resume and prepare for college transfer – or whatever comes next! If you like a challenge, our Honors Program is for you!

5. You can save thousands of dollars! By completing your first two years at Wake Tech and finishing your bachelor's degree in a UNC system university, you will save over \$5,800 in the cost of tuition & fees alone! And with all that savings, you'll have some fun decisions to make: A new computer? A down payment on that car you've always wanted? A trip to Europe? Imagine!



Open House

Two opportunities to visit!
**Saturday March 6th or
 Friday March 12th, 2010**
 Time: 9 a.m. - 12 p.m.

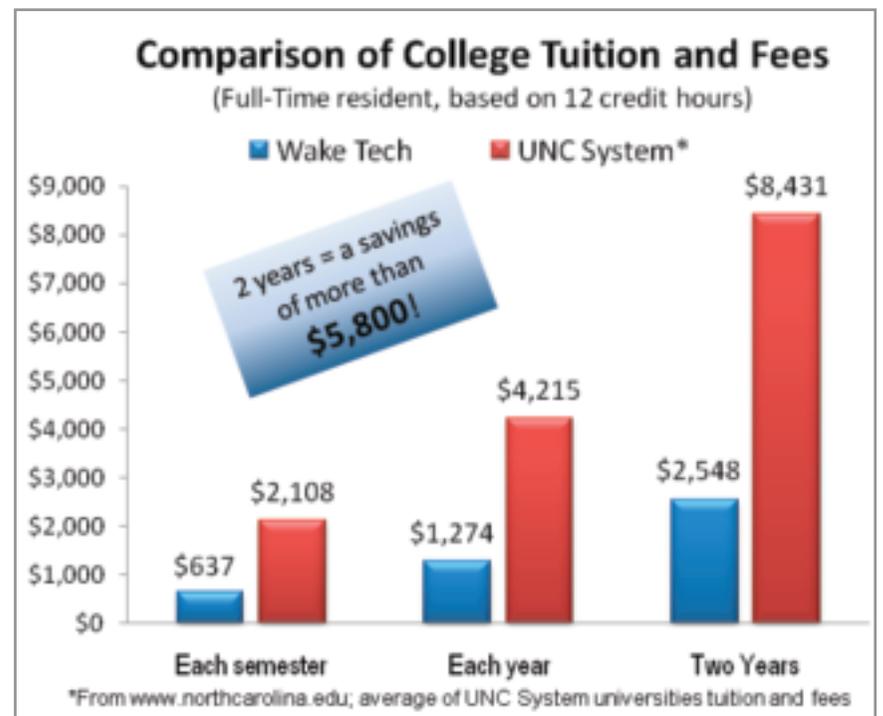
Bring your parents!
 Learn how you can earn college credits
 Exhibits • Campus Tours • Demonstrations
 Enrollment Information...and more!



Wake Tech Main Campus • SSB Conference Center
 9101 Fayetteville Rd • Raleigh



H3O is a College Tech Prep Partnership between WCPSS and WTCC h3o4u.net



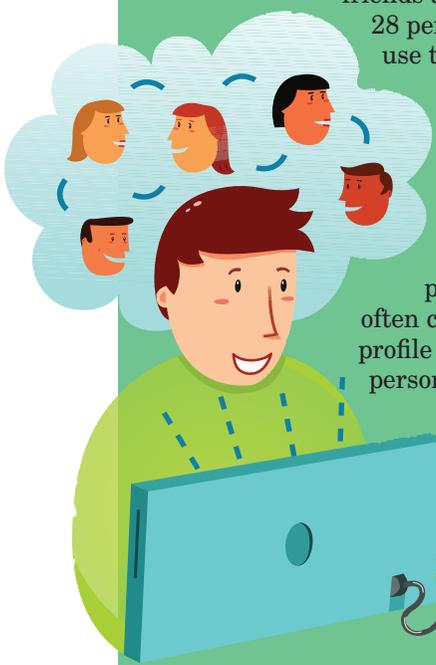
Facts and Finds

Facts AND Finds

Friending or Working

Social networking sites have definitely gone mainstream. Today 35 percent of all adult Internet users are on sites such as Facebook or My Space according to a 2008 Pew Research survey. And while most users are online to keep in touch with old friends and make new friends, 28 percent say that they use their online profiles to make business and professional contacts or to promote their work.

People who use social networks for professional purposes often create a business profile separate from their personal site. About half of all social networkers have more than one profile and of those, 19 percent say they do this to keep their personal and professional contacts separate.



This Just In...

Want to be the first to hear about what's happening at Wake Tech? We're tweeting, blogging and "friending" fans on Facebook all the time! Follow us and get the latest Wake Tech sports scores, stay updated on Wake Tech events, and learn what's going on behind the scenes as Wake Tech works to keep programs on the cutting edge!

Check us out on:
www.twitter.com/WakeTechPR
www.facebook.com (Wake Tech fan page)
www.youtube.com/waketechcc
<http://news.waketech.edu>



Best Job? Depends on Who's Asking

Mathematician. That's right. That's the best job ever! Well, at least according to JobsRated.com it is. And just for the record, lumberjack is rated the worst. JobsRated scored 200 jobs on five criteria (stress, work environment, physical demands, income and outlook) to determine their ranking.

Now jump over to the U.S. News "Best Careers of 2009" (www.usnews.com/sections/business/best-careers/index.html) and mathematician is nowhere on the list. U.S. News selected clergy, genetic counselor, hairstylist and urban regional planner as among the most desirable careers. It, too,

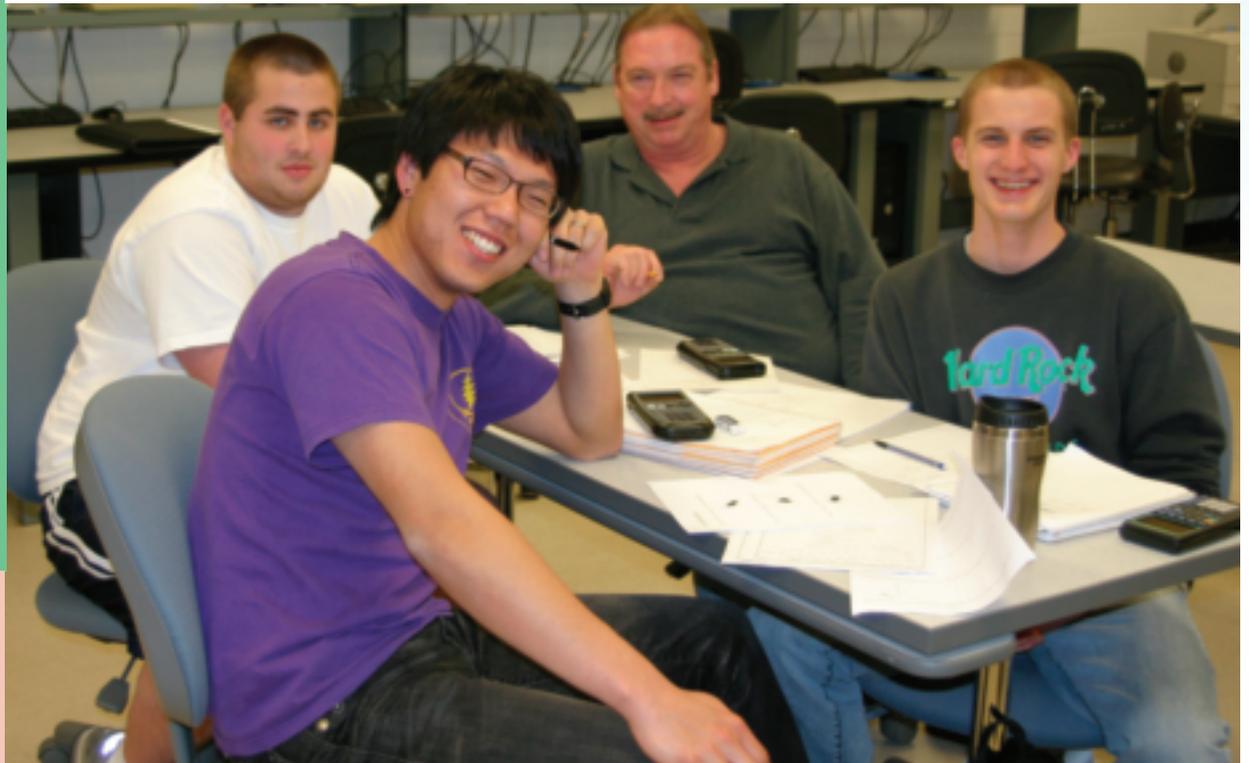
scored jobs on five criteria (job outlook, job satisfaction, difficulty of training, prestige and pay).

You'd think with such similar criteria, the lists would look a lot alike. But no! Only one career appears in the top 30 of both lists: engineer! None-the-less both web sites offer useful data about working conditions and salaries in a wide-range of occupations that is sure to be useful to students, job hunters and career changers.



It's a Fact

Students who graduate with an associate's degree from Wake Tech and transfer to a UNC System university perform as well or BETTER as a first semester junior than students who started at that university!

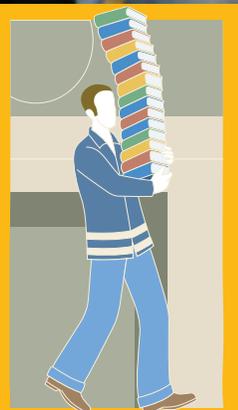


Smartest Cities

Crack open the books! We in Wake County have a lot to live up to! Raleigh-Durham tops the list of the America's Smartest Cities, according to The Daily Beast, a news and opinion Web site. The Web site rated cities with a million people or more on a per capita basis. It considered such things as the number of colleges and universities, the number of residents

with undergraduate and graduate degrees, sales of nonfiction books, and voter turnout in the last presidential election. Here's the top 5:

1. Raleigh-Durham
2. San Francisco
3. Boston
4. Minneapolis-St. Paul
5. Denver



Release Your Inner Entrepreneur

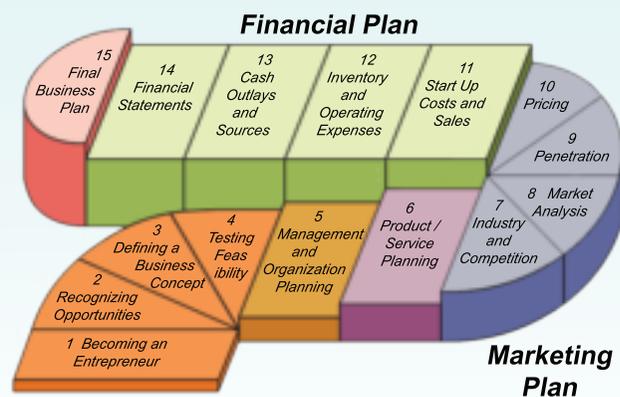
Get a “Head” Start with Wake Tech’s Small Business Center

As a commercial loan officer in a declining economy, Karen Diebolt saw the handwriting on the wall. “I knew I’d eventually lose my job,” she says, “so I thought I’d start my own business – before I became unemployed.” Karen had an idea that she thought just might be a hit: a playful craft item she had originally created for her family. After all, she reasoned, who could resist a colorful ball of

business that gets the economy back on track. Historically, small business contributes more than 50% of GDP and three out of every four new jobs. “More and more people are looking to work on their own because of the uncertainty of working for someone else,” says Fred Gebarowski, Director of Entrepreneurship at Wake Tech. Gebarowski says Planning The Entrepreneurial Venture provides students with all the

tools they need to be successful – including a business plan, a marketing plan, and a financial plan.

For those who need financial help, Wake Tech partners with the U.S. Small Business Administration to provide



fluff with a silly face and floppy feet?! Karen knew she would need more than a clever idea to be successful – she would need know-how about the world of business ownership. As soon as she was notified of her impending layoff, she called Wake Tech’s Business and Industry Center and enrolled in a course called Planning the Entrepreneurial Venture. “I figured if I’m going to do this in earnest,” Karen says, “I needed a plan.”

Diebolt is not alone. Economists say tough times often plant the seeds of innovation and result in an increase in small businesses. In fact, if the current recession is like past ones, it will be small

the latest information on small business loans. Wake Tech’s Small Business Center (SBC) also offers free seminars and workshops on business strategies that can be used across the board, such as sales, marketing, and even social networking. What’s more, the SBC offers one-on-one counseling to make sure your new venture succeeds! Ready to do business overseas? The SBC offers import/export and international training programs.

Karen Diebolt is glad she got a “head” start with Wake Tech’s valuable small business resources – she already has orders for her product, which she affectionately calls “Softedz.” These unique



Did You Know?

Raleigh is one of the best cities in America to launch a new small business! That’s according to CNN Money. The magazine ranked Raleigh #3 among large metropolitan areas for starting a small business in its November 2009 survey. The Capital City was cited for its quality family life and highly educated workforce. Only Oklahoma City and Pittsburgh rated higher.

promotional items are customized for companies and organizations to use in marketing. For more information on Softedz, visit www.softedz.com. To learn more about starting your own business

or Wake Tech’s free seminars, visit <http://smallbusinesscenter.waketech.edu>. **CF**

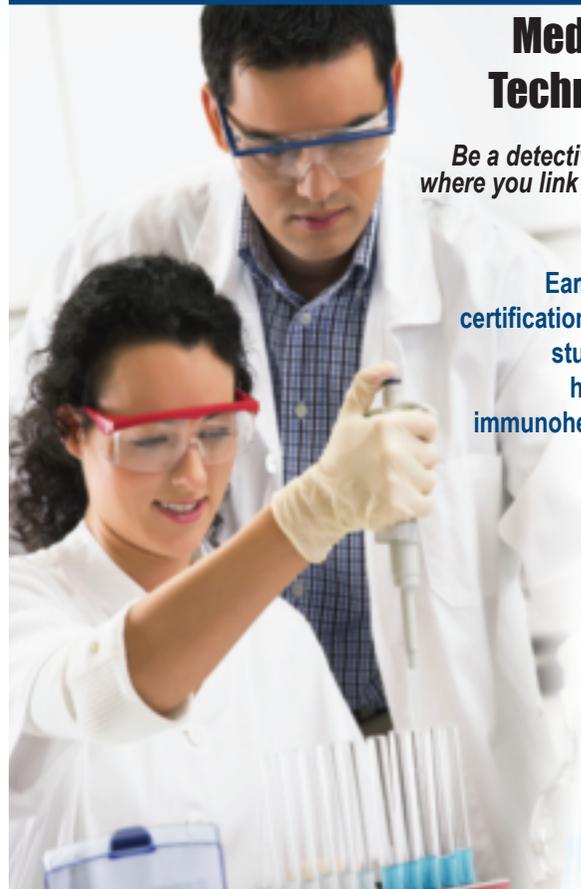
WAKE TECH COMMUNITY COLLEGE

Medical Laboratory Technology Program

Be a detective of the healthcare field where you link science and information to health and medicine!

Earn a degree, gain national certification, and launch a career by studying clinical chemistry, hematology, immunology, immunohematology, microbiology, and molecular biology.

- *Other Programs Offered:
- Dental Assisting
 - Dental Hygiene
 - Emergency Medical Science
 - Human Services Technology
 - Medical Assisting
 - Nursing
 - Radiography
 - Pharmacy Technology
 - Surgical Technology
 - Therapeutic Massage



Wake Tech Health Sciences • 2901 Holston Lane • Raleigh, NC 27610
(919) 747-0400 • <http://health.waketech.edu>

For those who need financial help, Wake Tech partners with the U.S. Small Business Administration to provide the latest information on small business loans.

Feature

Start Your Engines!

The Automotive Revolution Has Begun



The automobile industry isn't what it used to be. Consider how advanced today's cars are compared to the Model T; a similar comparison can be drawn between today's cars and those that will be available in 2025.

By Rich Cregar

In the next fifteen years we'll see a revolution in drive systems, safety systems, and creature comforts, as regulations on emissions and greenhouse gases grow more stringent. Those regulations combined with advances in



Rich Cregar is an instructor in Wake Tech's Automotive Systems Technologies program and is developing Wake Tech's new Green Transportation Technologies program. He currently serves as a GlaxoSmithKline faculty fellow at the Institute for Emerging Issues at N.C. State University and is a member of the Roundtable on Sustainable Biofuels.

technology will produce cars that are far more efficient, safe, and fun to drive than anything on the road today!

The revolution has already begun. There are already well over a million hybrids on the road, all with electric motors that provide power to the wheels. Diesels are coming back too – but not the smelly diesels of the eighties. Today's diesels are clean, complex, and controlled completely by computers.

New alternative fuels are entering the market. Plug-in hybrids such as the Chevy Volt will use electricity from your home's electrical outlets. Gasoline made from plants and diesel fuel made from algae are on the way, as is natural gas, which you can pump into your car right from your own garage, while you sleep.

The car radio is almost gone. It is being replaced by an audiovisual system, linked to the Web, with a hard drive and gigabytes of storage. These systems provide a wireless connection through which you can play your iPod or talk on your cell phone.

Safety has become more important than ever to car manufacturers. Today's cars have doppler radar that scans the road and adjusts your speed to maintain a set distance from the cars ahead of you. These "adaptive cruise control" systems will even stop your car to



Rich Cregar explains hybrid technology to U.S. Rep. David Price.

avoid an accident if you get sleepy and fail to react quickly enough. Optical sensors in the system monitor your eye movements, looking for signs of drowsiness; if they find them, the steering wheel will start to vibrate and a chime will sound to wake you up!

Who will service these complex new vehicles, these "physics experiments on wheels"? Just as cars change and evolve, so must the technicians who work on them. Today's automobile technicians must become skilled in a variety of new areas, and they must understand math and physics. Everything is electrical – not just the engine, but also the transmission, suspension,

brakes, and steering are managed electronically. Students in Wake Tech's Automotive programs are learning advanced electronics, how to read and understand schematic diagrams, and how to understand computer networks, as the dozens of computers on modern cars all communicate with each other across multiple data networks. These students must learn to use diagnostic tools such as scanners to communicate with onboard computers and digital oscilloscopes to visualize electronic data and determine the cause of a problem.

In the past, a person who worked on cars was a mechanic, someone who repaired or replaced broken parts. Those who wish to be mechanics can still do so, if they're content to change oil and rotate tires. But those who want to work on all components of new cars must prepare to become technicians. Technicians review and interpret data, make diagnoses based on their knowledge and experience, and then repair or replace systems, not just parts.

The next decade will be one of the most exciting and challenging times ever for the car industry. Those who can learn the technologies and develop the practical skills will be highly valued and highly-paid members of the new, green economy! **CF**

Getting a Jump Start on a Rewarding Career

"Going through the program at Wake Tech lets employers know you're committed to doing a good job."

Daniel Creech

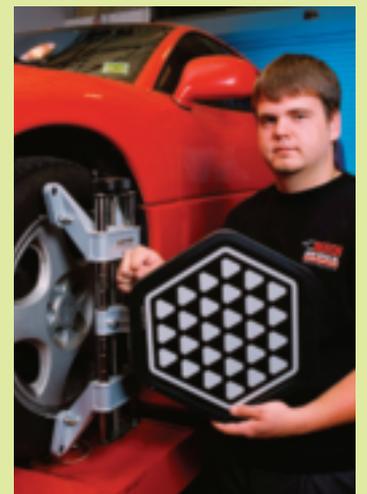
Ever since Daniel Creech was in high school and started working in his dad's auto repair shop, the 24-year-old has loved fixing cars. "It feels good knowing you can take a car's problem and fix it," he says. In addition to following his father's lead, Creech says he wanted to learn more about the latest technologies and sharpen his skills. He enrolled in Wake Tech's

Creating Success
Hope • Opportunity • Jobs

Automotive Systems Technologies program, where he prepared for a series of Automotive Service Excellence (ASE) exams. Now in his last semester at Wake Tech, Creech is one ASE exam away from his certification as a Master

Technician. "These exams aren't easy, and they let employers know that you have the knowledge and skills to handle even the most complex problems."

Employers have already responded. Creech was recently hired as a service technician at a local Ford dealership, and he has no doubt his education and credentials helped him land the job. "Going through the program at Wake Tech lets employers know you're committed to doing a good job." **CF**



How to Enroll in Classes at Wake Tech



Apply for Admission

1. Visit <http://admissions.waketech.edu> and complete an online Application for Admission.
2. Have your official high school transcripts (as well as college transcripts, SAT scores, or ACT scores, if any) mailed to:
Wake Technical Community College, Admissions Office
9101 Fayetteville Road
Raleigh, NC 27603

3. Schedule a college placement test here:
<http://testingcenter.waketech.edu> (certain exemptions apply)
4. Apply for assistance, as appropriate: financial aid, scholarships, or veteran's benefits.

Get Advice

1. Meet with an academic advisor. Your advisor will assist you in selecting the courses you need to meet your academic goals and/or program requirements.
2. If you are planning to take classes but do not plan to earn a degree, diploma, or certificate, you may enroll as a "special student." Special students are not required to see an advisor.

Register for Classes

You may browse course offerings or search for class schedules without a User ID or a password! Just visit <http://webadvisor.waketech.edu>, click Future Students, and Search for Curriculum Sections.

When you're ready to register:

1. Activate your Key Account – this is the one login that will allow you to access WebAdvisor and many other college services.
2. Visit <http://my.waketech.edu>, click Activate Account and follow the prompts to establish your Key Account User ID and password.
3. To register for classes, visit <http://webadvisor.waketech.edu>. Click Log In, enter your Key Account User ID and password, and click Submit.
4. Select Current Curriculum Students (Credit).
5. Under the Registration heading, click Search for Sections or Register for Sections and follow the prompts.
6. Remember to pay for your classes before the deadline, and you're ready to go!

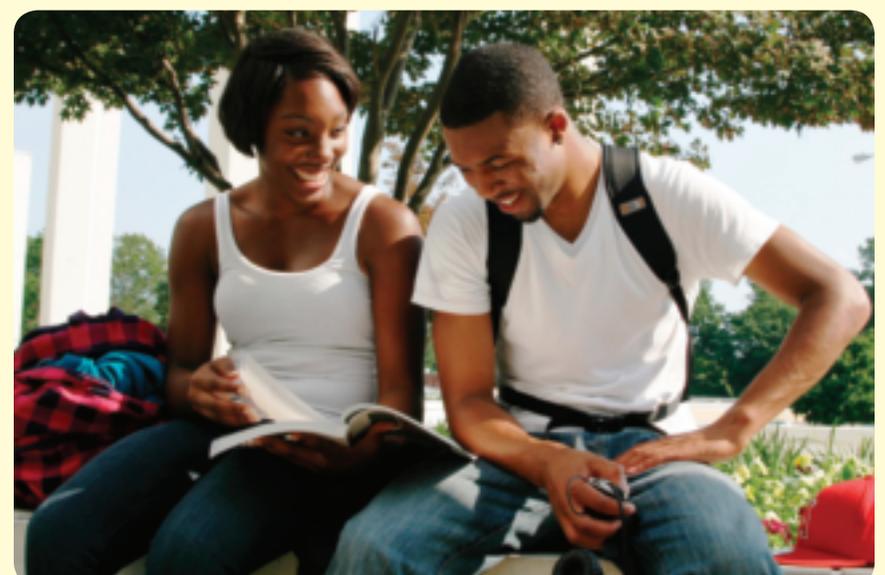
For step-by-step, detailed instructions for WebAdvisor, visit <http://wainfo.waketech.edu>.

Walk-in registration is conducted on select dates, visit <http://calendars.waketech.edu> for more information. **CF**

Spring 2010 registration underway through January 12th!

Tuition Payment Deadlines		
Spring 2010 Semester		
If you registered on or after this date	and on or before this date	your payment is due
Oct 26, 2009	Nov 20, 2009	Nov 20, 2009
Nov 21, 2009	Dec 17, 2009	Dec 17, 2009
Dec 18, 2009	Jan 5, 2010	Jan 5, 2010
Jan 6, 2010	Jan 12, 2010	Same day as registration

Questions about Admissions or Advising?	Questions about Registration?
<ul style="list-style-type: none"> • Call Student Information at 919-866-5500 (Mon-Thu, 8 a.m.-7 p.m. and Fri, 8 a.m.-4 p.m.) • Visit http://admissions.waketech.edu. • Email admissions@waketech.edu. 	<ul style="list-style-type: none"> • Call Registration Information at 919-866-5700 (Mon-Thu, 8 a.m.-5 p.m. and Fri, 8 a.m.-4 p.m.) • Visit http://wainfo.waketech.edu. • Email registrar@waketech.edu.



Wake Tech A to Z

Get Started... Now!

Take a look at the courses, training opportunities, and certificate and degree programs available at Wake Tech. Maybe you need specialized skills that can help you get back into the workforce, or training in new technologies to stay sharp in your field. Get started on that degree you wanted ... or complete one you started before. Not sure where to begin? Call 866-5500 and talk with an admissions advisor.

The pathways to a great future are many. Find your path and get started! **CF**



Credentials Key:		
AA = Associate in Arts	AS = Associate in Science	AAS = Associate in Applied Science
AGE = Associate in General Education	D = Diploma	C = Certificate

Wake Tech Community College A-Z

Area of Study	Credentials offered	Prepares you for	*Salary Median/ Range
Accounting	AAS, C	Careers that entail analyzing, processing, and communicating information about financial operations; workplaces include accounting firms, businesses, banks, hospitals, school systems, and government agencies.	27,250 - 36,000
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.	29,360 - 50,840
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.	28,101 - 46,197
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.	30,231 - 44,272
Associate in Arts*	AA Transfer Degree	Transfer to a senior institution; Completion of course work is equivalent to the general education requirements for a bachelor's degree; awarded upon successful completion of 64 hours, including the minimum required in specific curriculums.	N/A
Associate in General Education*	AGE	General education with emphasis on intellectual growth and personal enrichment; can be tailored to student interests rather than to specific technical or professional requirements.	N/A
Associate in Science	AS Transfer Degree, D	Transfer to a senior institution; Completion of course work is equivalent to the general education requirements for a bachelor's degree; awarded upon successful completion of 64 hours, including the minimum required in specific curriculums.	N/A
Associate in Science – Pre-Major: Engineering	AS Transfer Degree	Transfer to a senior institution; Completion of course work is equivalent to the general education requirements for a bachelor's degree; Awarded upon successful completion of 64 hours, including specific courses in science and mathematics required for the engineering curriculum.	N/A
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.	32,291 - 46,701
Baking & Pastry Arts	AAS, 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.	24,349 - 41,459
Basic Law Enforcement Training	C	Employment as an entry-level law enforcement officer with state, county, or municipal governments, or with private enterprise.	34,410 - 56,360
BioPharmaceutical Technology	AAS, C	Careers in pharmaceutical manufacturing, chemical quality assurance, microbiological quality assurance, product inspection, documentation review, manufacturing, and product/process validation.	28,005 - 56,591
Business Administration	AAS, C	Professions in business settings involving marketing, sales, customer service, finance, human resources, and/or business management in small, medium, and large organizations.	41,743 - 81,027
Business Administration/ Human Resources Management*	AAS, C	Positions in human resources departments including recruitment, training, and human resources development; work in business, industry, or government agencies.	31,820 - 55,540
Civil Engineering Technology	AAS, C	Jobs as a technician in the construction of transportation systems, buildings, bridges, dams, and water treatment facilities; workplaces include public or private engineering, construction, and surveying companies.	29,880 - 48,590
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)	40,000 - 62,000
Computer Engineering Technology	AAS, C	Jobs consisting of installing, servicing, and maintaining computers, peripherals, networks, and computer-controlled equipment; specialties include electronics technology, computer networks, server maintenance, programming; graduates may qualify for certification in electronics, computers, or networks.	46,260 - 73,620

* Also available online ** Also available as hybrid

Sources: U.S. Department of Labor, www.bls.gov; www.salary.com, Career Builder, www.cbsalary.com, and employer surveys. Salaries may vary for reasons including but not limited to years of experience, place of employment, and specific occupations within each industry.

Area of Study	Credentials offered	Prepares you for	*Salary Median/ Range
Computer Information Technology**	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.	46,480 - 78,060
Computer Programming**	AAS, C	Employment as a computer programmer, analyst, software developer, computer operator, systems technician, database specialist, software specialist, or information systems manager in business, industry, or government agencies.	47,580 - 81,280
Construction Management Technology	AAS, C	Job opportunities including construction project manager, superintendent, foreman, or estimator in the residential or commercial construction industry.	34,253 - 53,257
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.	24,060 - 47,909
Criminal Justice Technology	AAS	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/ Latent Evidence	AAS	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 Technology	AAS, C	Employment as a trained professional in food service; entry-level positions with potential advancement to sous-chef, executive chef, or food service manager in restaurants, hotels, resorts, and catering companies, or business owner; American Culinary Federation certification is available to graduates.	22,277 - 42,182
Database Management	AAS, C	Jobs in administrative, development, or data warehousing; positions include Database Analyst, Specialist, Administrator, .NET Developer, or Web Application Developer.	30,967 - 58,198
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, public health dental clinics, and dental school settings.	25,040 - 34,152
Dental Hygiene	AAS	Professions involving the assessment, planning, and implementation of dental hygiene for individuals; eligibility to take the state/regional and national examinations for licensure; workplaces include dental offices, clinics, public health agencies, industry, and professional education.	45,614 - 68,400
Early Childhood Associate	AAS, D, C	Jobs working with children in learning environments, including preschools, public and private schools, recreational centers, Head Start programs, child development programs, and programs for school-age children.	20,301 - 32,594
Electrical/Electronics Technology	AAS, D, C	Positions in the electrical/electronics profession, assisting in the layout, installation, and maintenance of electrical/electronic systems; work in residential, commercial, and industrial facilities.	33,363 - 52,146
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.	33,363 - 52,146
Emergency Medical Science	AAS	Employment as a paramedic, with knowledge and skills in basic and advanced life support; eligibility for both state and national certification exams; workplaces include fire and rescue agencies, air medical services, hospitals, urgent care centers, and physician's offices.	33,900 - 49,989
Environmental Science Technology	AAS	Professions involving environmental testing/consulting and related work, including chemical analysis, biological analysis, water/wastewater treatment, EPA compliance inspection, or hazardous materials handling.	34,152 - 64,786
Esthetics Technology	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
General Occupational Technology	AAS	Employment within specific career fields; students upgrade skills and earn an associate's degree according to individual occupational interests and needs; entry-level positions with advancement opportunities.	19,080 - 31,910
Geospatial Technology	AAS	Professions in Geographic Information Systems (GIS), making digital maps and information databases for environmental studies, engineering, planning, and other disciplines; work in architectural, engineering, and governmental agencies.	33,701 - 41,285
Heavy Equipment and Transport Technology	AAS	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.	26,215 - 43,160
Heavy Equipment and Transport Technology: Agricultural Systems	AAS	Occupations involving troubleshooting and repair of agricultural equipment, including farm tractors, planters, sprayers, and Harvesters; entry-level employment in agricultural systems equipment repair businesses.	23,808 - 38,450
Heavy Equipment and Transport Technology: Construction Equipment Systems	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.	23,485 - 39,582
Hotel and Restaurant Management	AAS, 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, C	Entry-level positions in institutions and agencies that provide social, community, and educational services, including mental health, child care, rehabilitation, and education; program includes options for transfer to senior institutions.	20,255 - 33,694
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.	24,485 - 34,426
Industrial Engineering Technology*	AAS, C	Positions developing and improving integrated systems involving people, materials, equipment, and information; employment in industrial engineering technology, quality assurance, supervision, team leadership, and facilities management;	42,450 - 65,020
Information Systems Security	AAS, C	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.	31,830 - 52,995
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.	30,013 - 42,815

* Also available online ** Also available as hybrid

Sources: U.S. Department of Labor, www.bls.gov; www.salary.com, Career Builder, www.cbsalary.com, and employer surveys. Salaries may vary for reasons including but not limited to years of experience, place of employment, and specific occupations within each industry.

Area of Study	Credentials offered	Prepares you for	*Salary Median/ Range
Interventional Cardiac and Vascular Technology	D	Employment as a Radiographer with knowledge and skills needed for entry-level intervention cardiac and vascular specialist positions; work environments include hospitals and imaging centers.	29,900 - 55,670
Landscape Architecture Technology	AAS, C	Occupation as a landscape architecture technician in landscape design, construction, and architecture businesses; opportunities for advancement in large-scale site design, supervision, and in residential landscape design.	31,909 - 65,342
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 have a Bachelor's Degree and meet additional criteria.	37,710 - 41,760
Machining Technology	C	Positions involving the use of power machinery, computerized equipment, and sophisticated precision inspection instruments; employment opportunities in manufacturing industries, government agencies, and machining job shops.	26,707 - 42,286
Magnetic Resonance Imaging - MRI	D	Employment as an MRI technologist who uses magnetic energy fields to produce images of the human body; eligibility to take the American Registry of Radiologic Technologists (ARRT) examination for certification and registration; employment in hospitals, physicians' offices, and research facilities.	52,000 - 76,148
Mechanical Drafting Technology	AAS, D, C	Careers involving the use of computer applications to produce drawings of mechanical parts, mechanisms, and components of mechanical systems; employment in mechanical manufacturing, fabrication, research and development, and service industries.	29,532 - 51,139
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, and service industries.	36,290 - 55,750
Medical Assisting	AAS, D	A career as a health care professional qualified to perform administrative, clinical, and laboratory procedures; employment in physicians' offices, health maintenance organizations, health departments, and hospitals. Graduates may be eligible to sit for the American Association of Medical Assistants Certification Examination.	20,600 - 39,570
Medical Laboratory Technology	AAS	Jobs performing clinical laboratory procedures used in the diagnosis and treatment of disease; eligibility for National Certification examination by the Board of Certification of the American Society for Clinical Pathology; employment in hospitals, medical offices, reference laboratories, industry and research facilities.	32,834 - 45,914
Medical Office Administration	AAS, C	Employment as a transcription secretary, hospital secretary, records clerk, insurance form preparer, or patient accounting clerk; workplaces include medical offices, laboratories, insurance companies, and manufacturers and suppliers of medical equipment.	25,000 - 36,400
Networking Technology	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 products.	46,260 - 73,620
Nursing	AAS	A career as a registered nurse upon successful completion of licensure exam; workplaces include hospitals, long-term care facilities, clinics, physicians' offices, industry, and community agencies.	43,370 - 63,360
Office Administration*	AAS, D, C	Professions in entry-level to middle management administrative support, responding to the demands of a dynamic, computerized workplace; employment opportunities in business, government, and industry.	28,500 - 43,430
Office Administration/Legal	AAS, C	Administrative positions in private legal practices involving real estate and estate planning, corporate legal departments, and city, state, and federal government offices.	31,040 - 49,950
Pharmacy Technology	D, AAS	Employment in the health care and pharmaceutical industry; settings include hospitals, outpatient clinics, retail pharmacies, pharmaceutical wholesale companies, research laboratories, and pharmaceutical manufacturers.	19,502 - 32,889
Phlebotomy	C	Careers in the field of phlebotomy, obtaining and transporting blood other specimens for the purpose of laboratory analysis; eligibility for national certification as a phlebotomy technician; work in hospitals, clinics, laboratories, and other health care settings	22,342 - 30,740
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.	26,095 - 42,393
Radiography	AAS	Employment as a health care professional who uses radiation to produce images of the human body; work in hospitals, clinics, physicians' offices, or industrial settings; eligibility to take the American Registry of Radiologic Technologists' national exam for certification.	38,627 - 62,000
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.	28,556 - 60,296
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.	28,560 - 40,750
Surveying Technology	AAS	Positions including survey party chief, surveying technician, highway surveyor, mapper, GPS technician, or CAD operator; graduates are prepared to complete requirements to become a Registered Land Surveyor in North Carolina.	33,902 - 47,417
Therapeutic Massage	D	Occupations providing client care through therapeutic massage; workplaces include hospitals, athletic settings, spas, and private practices; eligibility to take the NCE or the MBLEx and apply for a North Carolina license.	20,342 - 49,546
Transfer Core Diploma (Arts)	AA Transfer Diploma	Transfer to a senior institution; Completion of course work is equivalent to the general education requirements for a bachelor's degree; awarded upon successful completion of 44 hours.	N/A
Transfer Core Diploma (Science)	AS Transfer Degree	Transfer to a senior institution; Completion of course work is equivalent to the general education requirements for a bachelor's degree; awarded upon successful completion of 44 hours.	N/A
Web Technologies*	AAS, C	Careers using distributed computing to disseminate and collect information via the Web; employment as designers, administrators, or developers in web applications, websites, and related areas of distributed computing.	44,545 - 69,738
Welding Technology	D,C	Jobs in the welding and metalworking industry; employment as an entry-level technician in construction, manufacturing, fabrication, sales, and quality control environments.	31,904 - 45,897

* Also available online ** Also available as hybrid

Sources: U.S. Department of Labor, www.bls.gov; www.salary.com, *Career Builder*, www.cbsalary.com, and employer surveys. Salaries may vary for reasons including but not limited to years of experience, place of employment, and specific occupations within each industry.

Boosting the Bottom Line

Generosity Shines Even in Tough Times

The Wake Tech Foundation is well aware that ours is a generous and supportive community, but the past year has demonstrated something truly remarkable. In 2008-09, a year marked by unprecedented financial losses and soaring unemployment, cash contributions to the Foundation exceeded \$1 million for the first time in College history!

How was this possible? Sizeable contributions from major donors like SAS Institute, AT&T, and SunTrust Bank played a big part in the record-breaking balance sheet. Other corporate and private donors not only maintained previous contribution levels, but increased them.

“Our donors recognize that the smart money is always on education,” says Joe Cooper, Senior V.P. of Technology and Operations for RBC Centura Bank and Chair of the Wake Tech Foundation Board of Directors. “Support for Wake Tech is forward thinking, a sound investment in the future of the community.”

Among the larger gifts, SAS Institute pledged \$150,000 over three years to help launch Fostering Bright Futures, a program to help young adults leaving the foster care system earn a degree at Wake Tech. AT&T donated \$50,000 to that program as well. SunTrust Bank made a



\$50,000 commitment to one of the Foundation’s newest initiatives, the SunTrust Center for Strategic Futures. The Center brings business and community leaders to Wake Tech twice a year to study future trends in commerce, education, and technology. US Foodservice donated \$10,000 to help bring Wake Tech’s Annual Pastry Show to the Raleigh Convention Center. (see article page 3)

Who Benefits?

While some donations target special programs like those mentioned above, it’s ultimately Wake Tech students who reap the benefits of the community’s support. Last year, Progress Energy contributed \$15,000, GlaxoSmithKline added \$10,000 to its endowment (now at \$120,000), and John Deere gave \$15,000 – all to provide scholarships that helped many students pay for tuition, books, and fees. In all, 189 students in a wide range of programs received scholarships last year, thanks to the generosity of Wake Tech contributors.

“I was shocked and stunned!” says Jacob Snead, a 32-year old single father and Iraq War Veteran, when he learned he’d be receiving a \$1,000 John Deere Scholarship. The funds will help Jacob earn his degree and move a step closer to working as a service manager for a heavy equipment company. “It’s not just the money,” Jacob says. “It’s being rewarded and recognized for my efforts in school.”

New Opportunities to Help

Scholarships are vital to students in all types of academic programs, and to students in Wake Tech’s newest program – competitive sports. Wake Tech launched an athletics program last year that has already been extremely successful, both on the field and off, enriching student life and building school spirit and community engagement. The athletics program has opened up a new venue for support, and Wake Tech is counting on the business community and private donors to help the program continue to grow. “Our needs are great,” says Foundation Executive Director Mort Conleton, “from athletic scholarships to facilities and fields! We want to support athletics as enthusiastically as we support other college programs, and we’re hopeful that the community will again come through.” To learn more, visit <http://athletics.waketech.edu>.

A host of contributors were – and continue to be – part of the Foundation’s success. Faithful supporters at every level provide vital revenue for programs and initiatives that enhance the educational experience for Wake Tech students and faculty. The Wake Tech Foundation prizes every donor and appreciates the community’s vital support, particularly in challenging economic times such as these. <http://foundation.waketech.edu>. **CF**

The Wake Tech Foundation is grateful to the generous contributors listed below for their vital support in 2008-2009. With their help the Foundation was able to have a positive impact on Wake Tech students, staff, faculty, and the community.

Visionaries Circle (\$50,000+)

AT&T
CISCO Systems
Emergent Game Technologies
Follett Higher Education Group
SAS Institute, Inc.
Martha Mann Smith
SunTrust Bank
Wake County Government
WakeMed Health and Hospitals
Wyeth: Sanford-Vaccine

Platinum Circle (\$25,000 - \$49,999)

Caterpillar, BCP Division
Mr. and Mrs. Curtis Dail
Jim and Lauren Holmes
Pepsi Bottling Ventures
Thompson Contracting

Gold Circle (\$10,000 - \$24,999)

AGCO
Biogen Idec
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Duke Raleigh Hospital
GlaxoSmithKline
Stephen Prescott
John Deere Foundation
Progress Energy
Mr. and Mrs. Carl Regan
Stantec Consulting
University of California
US Foodservice

Silver Circle (\$5,000-9,999)

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BB&T
Bob Barker Company
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Wake Electric Care
Mrs. Martha H. Waters

Bronze Circle (\$2,500-4,999)

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CapTrust Financial Partners
John Deere Construction Equipment Company
Johnson Controls
Johnson, Hearn, Vinegar, Gee and Glass
Knowledge Source
Lincoln Electric Company
Lord Corporation
Martin Marietta Materials
National Biodiesel Board
Optimist Club of Raleigh
Diju Raha
Raleigh Host Lions Club
Rotary Club of West Raleigh
Dr. Stephen C. Scott
Rachel R. Selisker
The Fenwick Foundation
Time Warner Cable-Raleigh Division
United Assn. of Plumbers & Pipefitters #421
Gary W. Williams
Richard Wynne



Scholarship recipient Jacob Snead.

ECRWSS RESIDENTIAL CUSTOMER



H³O is a career resource that prepares Wake County high school students to enter and succeed in high skill, high wage, high demand occupations.



H³O provides a seamless transition from high school to Wake Tech without duplicating efforts or repeating courses.

Yes, it's true! High school students can earn college credits while still in high school. Here's how...

Articulation Agreement:

Students can earn transfer credits for completion of identified Career and Technical Education courses taken at their high school. Credits are awarded upon enrollment at Wake Tech Community College.

Huskins Cooperative Program Agreement:

Students can take community college courses specifically designed for high school students at no charge. Students earn both high school and community college credit through this dual-enrollment program.

Concurrent Enrollment:

Students can take almost any course at Wake Tech Community College tuition free. Students earn both high school and community college credit through this dual-enrollment program.

Start planning your career pathway today:

- Go to h3o4u.net
- Take online career interest profiler.
- Read career description and salary information for career interest.
- Select desired course matrix for your career interest.
- Determine course options and sequence.
- Contact your school counselor and career development coordinator.

h3o4u.net has information for:

- Students
- Parents
- School Counselors
- Career Development Coordinators
- High School Teachers
- Wake Tech Instructors
- Wake Tech Admissions Counselors
- Employers

Learn & Earn Online:

Students can take free online college courses at most NC community colleges and earn both high school and community college credit through this dual-enrollment program.

Apprenticeships:

Students can earn an industry-recognized credential through on-the-job training and a sequence of high school and college courses.



h3o4u.net