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Eye on the Eagles



igs, hits, and kills ... just a few of the exciting maneuvers the Wake Tech women's volleyball team delivers, and what's made them a force to be reckoned with on the court! This season was a strong one, and it comes as no surprise to Coach George Tsai: "We

have some great hitters, and all the players were stars in high school," he says.

Returning player Jennifer Beasley is one of those stars. In 2009 she was Wake Tech's Most Valuable Player, ranking 31 out of 700 players in kills (better known as spikes) for Division I of the National Junior College Athletic Association (NJCAA). "Volleyball is a passion of mine," says Beasley, "and this year, we're connecting really well as a team."

According to Coach Tsai, playing volleyball builds skills that can help players in other areas of their lives as well as on the court: "It helps them set goals, build confidence, and stay focused." Melissa Kent says playing volleyball at Wake Tech is fun. "We've learned a lot about bonding as a team, thanks to a cool coach who's easy to talk to." But Melissa gets down to business at game time – specializing in defensive play, including *digs*, which prevent the ball from touching a player's own court after a spike. She ranked 28 in digs for Division I of the NJCAA last year.

Since the beginning, Wake Tech's home games were played at North Raleigh Christian Academy, but the team will be moving into its new *digs* when a new gym is completed on Main Campus this spring. "We're excited about having the facility here," says Athletics Director Barry Street. "It will give us the opportunity to promote athletics, attract fans, and have the home court advantage!" And Wake Tech's women's volleyball team is sure to be a *hit!*

Find out how you can support your Wake Tech Eagles! Schedules for games and events are available at http://athletics.waketech.edu. **CF**

GO EAGLES!!







WAKETECH Community College

Help Keep America Competitive! Consider a career in Science, Technology, Engineering or Math (STEM).

You could be eligible for a GREAT scholarship of \$2,000

per year or more!

-Environmental Science Technology
-Biopharmaceutical Technology
-Mechanical Engineering Technology
-Civil Engineering Technology
-Electronics Engineering Technology
-Computer Engineering Technology

Must be a full-time student
Must maintain at least a 2.8 GPA
Must attend monthly meetings

with faculty advisor

Funds are based on financial need and can be used for tuition, books, fees and living expenses.

Wake Tech GREAT Project Scholarship (Graduation, Retention, and Expansion of AAS Technicians) Contact: Luis Benavent 866-5129 or labenavent@waketech.edu

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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Career Focus is published twice a year by Wake Technical Community College, 9101 Fayetteville Road, Raleigh, NC 27603 in partnership with Washtenaw Community College, Ann Arbor, MI.

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On the cover:

Fourty-three year old Andrew Blizzard of Raleigh is enrolled in Wake Tech's Global Logistics Technology program.



From the President

Welcome to Career Focus – and to Wake Tech Community College!

Enrollment at community colleges has reached record levels nationwide as more and more people recognize our quality and value. Our courses and programs are designed to work for you, with multiple campuses and online options.

Wake Tech can help you earn skills and credentials in fields such as biotech, health care, digital game development, "green" technologies, and more – and help you qualify for some of the market's most sought-after jobs. We also provide student support services, honors options, athletics, and other extras to make your college experience a rewarding one.

Take a look at what we have to offer, and let us help you prepare for a fantastic future!

Dr. Stephen C. Scott President



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Feature

Think Globally... Train Locally! The Logic of Logistics

from one place to another," says

Walter Martin, Director of the

at Wake Tech. He's a founding

member of the North Carolina

(NCCLE), which includes Vance-

the Kenan Institute of Private

Enterprise at UNC-Chapel Hill. Martin says a degree in Global

to a world of career opportunities"

and can lead to positions in supply

chain management, distribution,

purchasing, event planning, and

That's what attracted Andrew

Blizzard, a 43-year-old former

parts plant he worked in shut

Blizzard is now on his way to

skills, including how to make

warehousing and distribution

accountability and visibility

of inventory, review purchase

and other technologies.

These skills are vital for a

are growing most rapidly.

processes more efficient, improve

orders, bid on contracts, and track

shipments using RFID, GPS, GIS,

variety of careers, although jobs

in warehousing and distribution

learning a host of valuable new

marketable," he says.

to Wake Tech when the automotive

down. "I needed to retool and gain

skills that would make me more

more.

Granville Community College and

Question: What do a wedding planner, a rock concert promoter and a warehouse supervisor have in common??

Answer: All have to be skilled in *logistics – the art and science of* moving goods and services from one place to another in a timely, wellcoordinated flow.

> ou may not realize it, but logisticians are everywhere! Every time someone orders fresh flowers for delivery, jewelry to fill the shelves of a boutique, or

medical supplies to stock a hospital, experienced professionals are at work behind the scenes. Their focus is making sure products get from manufacturer to seller to customer - from where they are to where they need to be, when they need to be there!

In today's world, such tasks are increasingly complicated, which is one reason Global Logistics Technology is such a rapidlyexpanding field of study. Logistics and related occupations have recently been listed among the Top Ten Hottest Careers in the Nation. UPS is even featuring logistics in its latest ad campaign, calling it "the most powerful force in business today." http://thenewlogistics.ups.com

"Regardless of what a company does, it always has to move assets

Careers in Global Logistics

Buyer/Purchasing Agent	\$30K - \$40K -
Customer Service Manager	\$30K - \$60K -
Distribution/Logistics	\$77K - \$79K -
Inventory Manager	\$25K - \$50K -
Shipping-Receiving Supervisor	\$22K - \$40K -
Supply Chain Manager	\$80K - \$90K -
Transportation Analyst	\$35K - \$50K -
Warehouse Supervisor	\$20K - \$60K



Andrew Blizzard

Here's why: Companies have increased buffer stock because of increased freight costs and fewer shipping opportunities, to ensure

responsiveness to demand. All those goods must be stored and managed – by the company itself or by a third party. Companies also

"Regardless of what a company does, it always has to move assets from one place to another."

Walter Martin, Director of Wake Tech Global Logistics Technology program

"After floundering for YEARS, I'm excited about a new career, and I love the program so far!"

Karin Jetzorreck, Global Logistics student

prepare more carefully now for potential catastrophes, a post 9/11 precaution. "A company's business can be crippled," Martin says, "if it can't deliver on a contract because something goes wrong at the airport or a truck can't get through."

"This is absolutely what I want to do," says Karin Jetzorreck, a data analyst at Talecris who believes she has finally found her passion. "After floundering for YEARS," Karin says, "I'm excited about a new career, and I love the program so far!"

Fortunately for Jetzorreck, who juggles school, family, and a full-

time job, Wake Tech's Global Logistics Technology degree is offered completely online ... and it might just be the ticket that gets her from where she is now to where she wants to be! For more information, visit http://logistics.waketech.edu. **CF**



Karin Jetzorreck



Skills Required

- Critical Thinking
- Problem Solving
- Teamwork
- Computer Skills
- Analytical Skills
- Organizational Skills

Feature

Become a Healthcare Detect i Investigate a Career in Medical Laboratory Tech**Nology!**

magine you're a detective in a high-profile investigation – not a criminal investigation, but a medical mystery. It's up to you to find answers, and what you uncover could mean the difference between life and death!

Medical laboratory professionals are like detectives: They analyze "evidence" by performing laboratory tests so that doctors can diagnose illnesses correctly, plan the best treatment, detect disorders, and even spot potential epidemics. These experts play a vital role in every healthcare setting, from doctors' offices to clinics and hospitals, and their work affects patient care of all kinds – from newborn nurseries to intensive care units.

Twenty-five year old Miranda Pontius, a graduate of Garner High School, loves science, and she started out wanting to become a nurse. She switched to Medical Laboratory Technology because of the variety of career opportunities it offers – and because of the immediacy of work in the lab. "I like all the hands-on that you do," Miranda says. "I get to be in there running the tests and seeing all the reactions that occur."



Bradley Foston, Pamela Horton, and Anthony Ricotta

Success in the field requires more than just a love for biology and chemistry. Problem-solving and keen analytical skills are a must. MLT department head Pamela Horton says the best candidates are those who can think on their feet. "You have to be willing to work in a fastpaced environment," Horton says. "Efficiency is very important, and timing is crucial when a physician is waiting for test results."

An education in medical laboratory technology prepares graduates to work in clinical chemistry, hematology, microbiology, and blood bank labs. MLT's collect patient samples, culture and identify bacteria, and use microscopes and other complex, computerized equipment to identify cell abnormalities. They're responsible for ensuring the safe transfusion of blood products. They're knowledgeable about disease states and understand the significance of the results they report. They work as part of a laboratory team, interacting with other medical personnel and with patients.

Students who complete the program must pass a national certification exam before they can be employed in a medical laboratory. Cierra Rogers, who already holds degrees in biology and chemistry from UNC-Wilmington, came to Wake Tech because, "all the jobs I want require MLT certification." Fortunately for her and others in the program, Wake Tech grads have a perfect track record on the certification exam: For the past 20 years, their passing rate has been 100%!

Once these grads earn certification, their outlook for a rewarding career is bright. As new tests are developed and new technologies emerge, the demand for medical laboratory



Rhonda Pollard and Miranda Pontius

Want to know more?

- American Society for Clinical Laboratory Science www.ascls.org
- Labs Are Vital www.labsarevital.com
- Medical Laboratory Careers www.medlabcareers.msu.edu
- American Society for Clinical Pathology Board of Certification www.ascp.org

personnel is going up. "Nearly 70% of all health care decisions are influenced by laboratory-run tests," Horton says. "In our community, and across the country, there is a tremendous need for highly-skilled scientists to conduct these tests." To investigate this field, visit http://health.waketech.edu. **CF**

An education in medical laboratory technology prepares graduates to work in clinical chemistry, hematology, microbiology, and blood bank labs.



Cierra Rogers

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Rachelle Fuller

Student Government Association (SGA) President

Rachelle Fuller has gone from home school, to college campus ... to president of the Student Government Association at Wake Tech! She has immersed herself in campus activities of all kinds and is really soaking up the college experience. She says she enjoys the small class sizes at Wake Tech and the fact that help is available if she needs it.

Current standing: Working toward Associate in Science degree for university transfer (Spring 2011 graduation); president, SGA; member, Wake Tech Board of Trustees; member, Sigma Delta Mu, Phi Theta Kappa, and Student Leadership Institute of NC.

Background: I was home-schooled and graduated in 2009. During my senior year, I was a dual-enrolled student here at Wake Tech.

Anthony Caison

2010 Staff Member of the Year

Anthony Caison demonstrates the kind of leadership that makes him a "go-to guy" at Wake Tech! In the years since his arrival in 1997, college administrators have repeatedly recognized his commitment and his versatility, selecting him to lead a variety of programs and initiatives.

Under Caison's guidance, enrollment in Wake Tech's Public Safety training programs – law enforcement, fire and rescue, emergency medical services, and corrections – has risen over 90% in six years. Now, as Associate Vice President of Campus Operations, Caison also manages the BioNetwork Capstone Center, in the BTEC facility on NC State's campus, and Education Services and



Special honors and awards: Dean's list, Presidents list, and Wake Tech SGA 2010 Award of Excellence.

Educational plans: I plan to transfer to a 4-year institution and double major in Spanish and Biology. Then, I'd like to continue to Physician's Assistant or Medical school. I'd love to go to University of Virginia in Charlottesville or UNC-Wilmington.



Technology at Wake Tech's Northern Wake Campus.

Caison makes time for other activities he's passionate about. He helped get Wake Tech's first leadership development and wellness

Career plans: To become a physician's assistant or physician in the pediatric orthopedics field.

Work experience: I've worked as a lifeguard, nanny, house cleaner, and a swim lesson instructor. I also had two delicious jobs in an ice cream shop and a pizzeria!

Personal/Family: I'm 19 years old and I have lived in the Triangle for about 10 years. I have two younger sisters and one younger brother. I have an Amazon parrot and two dogs one is a puppy that I just adopted and plan to take to college with me. I share a room with my sister who is 14 months younger than I am - she is my best friend. Hobbies: I like to

have adventures! I'm a

programs off the ground, and he serves as a mentor in the Pathways Leadership Initiative, something he finds "very fulfilling.

Title: Associate Vice President of Campus Operations, Continuing Education Services Division

Background: 16 years in Education

Education: Bachelor's Degree in Radio-Television, Southern Illinois University at Carbondale; Master's Degree in Business Administration, Southern Illinois University at Carbondale

Work experience: Three years with Project Upward Bound, a college preparatory program for high school students; 13 years at Wake Technical Community College, serving as Assistant Site Director, Instructional Supervisor, Director of Business and Industry Training, Dean of Public Safety and Service

Education: A.A.S. in Computer Engineering,

A.A.S. in Electronics Engineering, and A.S.

in Science from Surry Community College; B.S. in Technical Education from NC State

University; working toward an M.S. in Adult

Work experience: Instructor, ECPI and

Central Carolina Community College; Test

GlaxoSmithKline; Assistant Video Game

Technician, Data General; Industrial Engineer,

Developer, Virtual Heroes. Military experience

as Data Systems Technician, Military Police,

Training Specialist, Administrative Officer,

Script Coffee Shop and A+ Performance

Special honors and awards: Wake

Tech 2010 Excellence in Teaching Award,

honors including U.S. Navy and U.S. Marine

and 2010 Instructor of the Year; military

Computers.

and Executive Officer. Owner/Operator, Java

years in the U.S. Air Force Reserves

Education at NC State University.

swimmer and I am always up for activities like horseback riding and snowboarding. I love Spanish and would consider it almost a hobby in my life because I enjoy it so much. I love staying active!

Best thing about Wake Tech is ... The ILC. That place helped me when I felt

almost desperate. I've also really enjoyed having face time with some of my teachers -Iwill definitely keep in touch with them.

Advice: Remember, as students with work, school, and family responsibilities, we can't always be supermen or superwomen! Don't be afraid to ask for help - the teachers are usually very helpful and understanding.

Occupations, and Associate Vice President of Campus Operations at the Public Safety **Education Campus.**

Special honors and awards: Wake Tech 2010 Staff Excellence Award and 2010 Staff Member of the Year; Wake Tech 2004 Staff Excellence Award and 2004 Staff Member of the Year; Prince Hall Affiliated Mason; Soldier of the Cycle, Fort Dix, N.J.

Personal/Family: Anthony has been happily married to his wife Santrell for 12 years; they have a 10-year-old son and an eight-year-old daughter.

Hobbies: Weight lifting; racquetball

Best thing about Wake Tech is ... The incredible opportunities afforded to contribute to the success of the College

Advice: Tough times don't last - tough people do!

Corps Achievement Medals, Joint Service Commendation Medal, and a Certificate of Appreciation from the President of the United States.

Personal/Family: Walter grew up on a small farm in the mountains of southwestern Virginia. He came to North Carolina to go to college and decided to stay. Walter and his wife live in Raleigh, close to Wake Tech. His interests include reading, research, fitness, travel, and of course - video games!

Best thing about Wake Tech is... its people. There is a dedication to excellence you can see in the way our faculty and staff go the extra mile every day to support our students. It makes me proud to be part of an organization that believes in the success of the individual

Advice: Work hard, help the students reach their potential, and surround yourself with happy people. CF

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Walter Rotenberry **2010 Instructor of the Year**

Faculty Spotlight

Walter Rotenberry is determined - and, according to one of his students, often "unrelenting." As an instructor in Simulation and Game Development, Rotenberry encourages and challenges students to be creative, to delve deeper. His commitment to student success extends to helping graduates connect with employers in the gaming industry and offering help as their careers progress.

Rotenberry played a key role in launching the Simulation and Game Development program at Wake Tech. He researched what resources the program would require, helped secure grant funding, and facilitated curriculum planning. He's heavily involved in the planning of local gaming expos and



conferences that provide exposure for this rapidly-growing field of study - and in turn, opportunities for Wake Tech grads!

Title: Instructor, Simulation and Game Development, Computer and Engineering Technologies Division

Background: 20 years as an educator, 16 years in the U.S. Naval Reserves, and six

Student Spotlight

Staff Spotlight

Facts and Finds



2-Year vs 4-Year

Most Americans believe it's better for some students to go to a community college instead of a four-

year school. That's according to a recent poll by the Associated Press and Stanford University. Of 1,001 adults surveyed, 70% rated community colleges as excellent or good. About the same percentage gave four-year schools high marks. Seventy-one percent also said it's sometimes better for students to pursue a diploma or certificate from a two-year school than to aim for a four-year college. **CF**



The Jobs We Want

The 2010 Universum American Student Survey asked college students to name the employers they'd most like to work for.

Their answer varies depending on their college major, but for the fourth year in a row Web giant Google came out on top overall.

Where college students want to work:

- Business and IT students-Google
- Engineering students–NASA
- Natural science students–National Institutes of Health
- Humanities and liberal arts students–Teach for America

Source: www.universumglobal.com

Money Still Isn't Everything

In his new book Drive: The Surprising Truth About What Motivates Us, best-selling author Daniel Pink explains that money really doesn't

motivate people to do their best work.

While we expect to be paid fairly for our work, it's not cash that drives us to excel. What most of us really want from our jobs is interesting work and the freedom to explore, innovate, and master our profession. We'd also like to get a little recognition for a job well done.

Although that may go against everything we know about the workplace today, Pink explains that curiousity, inspiration, and the desire to have a little fun with our work can provide more of an incentive than a big paycheck.

Drawing on research into human motivation, Pink concludes, "The secret to high performance and satisfaction—at work, at school, and at home—is the deeply human need to direct our own lives, to learn and create new things, and to do better by ourselves and our world."



Green Jobs Are Growing

Looking for a job to sustain you? The N.C. Sustainable Energy Association (NC SEA) says the number of green jobs in our state has

grown to 12,500 – that's a 22% increase in a year! The association says green jobs now exist in all 100 North Carolina counties. Wake County leads the state's green energy economy, with 128 firms in renewable energy and energy efficient industries. They include solar panel installers, smart grid developers, manufacturers and energy service firms. The NC SEA says it expects another 20% jump in green jobs next year!





First Impressions

By Deb Hadley, Director of Job Placement and Cooperative Education

"You never get a second chance to make a first impression."

his quotation has been attributed to Oscar Wilde, Will Rogers and Mark Twain, though its true source is unknown. It was popularized in a classic 1960s commercial for shampoo.

•

Today, it's great advice on the job search.

Why? Experts (corporate recruiters, staffing professionals, and career counselors) estimate that of the jobs filled annually in the United States:

- More than 60% are filled through personal and professional networking. The person you meet at the bus stop, the guy or gal in line in front of you at Starbucks, or the person who cuts your hair – all may be your link to a great job opportunity.
- Despite its popularity, less than 10% of job openings are filled via the Internet.



Classified ads and other traditional methods of job search account for the remainder.

This means that you have a much greater chance of finding your next job through a contact that may be unexpected or unplanned, and for which you may be unprepared. And, like it or not, appearances do count. So, here are some proactive steps you can take to make sure that in this very competitive job market, you make the most of that first, critical 30 seconds (believe it or not, that's how fast a first impression is formed!)

 Have an elevator speech – a quick, 30-60 second introduction of who you are, what you do and



why you would make a great employee.

- 2. Create a business card inexpensive and easy to obtain, they're a handy, professional tool for sharing contact information with someone you've just met.
- 3. Make sure your resume is up to date.
- 4. Have an Internet presence (Facebook, MySpace, Twitter and LinkedIn) that you wouldn't be embarrassed to make public. The time to clean up your Internet act is now, before you find the job of your dreams (because once you

meet a potential employer, they're sure to check-out your online footprint.)

5. Do some research on dressing for the job search; then, follow the advice.

Wake Tech's Job Placement Office is available to help students and alumni make the important transition from college to career. More helpful information can be found at http://jobplacement.waketech.edu.**CF**

Wake Tech: Providing Tools for Small Businesses Martha Liles

hen Martha Liles first decided to restore her family home, her goal was to preserve it and allow others to enjoy its dignified beauty. She decided to transform the historic 1870s home – now known as the Rand-Bryan House – into a firstclass venue for special events.

Although armed with a wealth of corporate experience, Liles found that entrepreneurship was uncharted territory. She turned to Wake Tech's Small Business Center (http://smallbusinesscenter. waketech.edu) to learn how to develop a business plan and how to market her business effectively. Liles then thoroughly researched



"People should definitely check out what Wake Tech has to offer!"

every facet of the venture, from commercial property laws to venue management.

Her background in HR included elements of event planning. "It was great to be able to draw on my experience," she says, "and to turn something I enjoy into a business!" Liles plans to build her client base by marketing her facility for weddings and corporate retreats. She wants to continue to learn and plans to tap into more resources at Wake Tech.

"At Wake Tech you get great courses and workshops – as well as great contacts that help your business take off and thrive," Liles says. "People should definitely check out what Wake Tech has to offer!"

For more information about the Rand-Bryan House, please visit www.rand-bryanhouse.com. **CF**



you!

areerFocus

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about meeting the educational needs of a growing community, and there's only one way to accomplish that goal: KEEP GROWING! Expansion projects are in the works at Wake Tech campuses across the county – to make room for

ake Tech's all

At our rapidly-expanding Northern Wake Campus, we've just broken ground on a fourth classroom building that will feature 27 classrooms and labs, five acoustically-isolated music rooms, and a 293-seat auditorium-style lecture hall. The \$22 million facility will also have a unique, eco-friendly rooftop terrace! Look for "Building E" to be open for classes in January 2012.

The Public Safety Education Campus (formerly the Public Safety Training



Building E Groundbreaking

Center) gained "campus" status last summer and is expanding to become one of the most advanced public safety and law enforcement training facilities in the Southeast. New additions include a criminal justice lab, an incident command center, a defensive tactics room, and a mock courtroom and jail. The facility allows Wake Tech to offer degree programs as well as in-service training for thousands of students and professionals each year.

Wake Tech's Health Sciences Campus is also growing! Cranes and work crews dot the site where the construction of a five-level parking deck is underway. The \$6.8 million structure, which will accommodate more than 500 vehicles, will be ready in May. In addition, plans are taking shape for a new Health Sciences building that will enable Wake Tech to train more nurses, radiographers, and emergency services personnel. It's slated to open for the 2012 fall semester.

Exciting things are happening at Wake Tech, and there's always more to come. Wake Tech is investing in the future by making room for you! **CF**



Public Safety Education Campus



Health Sciences Parking Deck

Navigate Your Future with Wake Tech GPS

ooking for a new direction in life? Let Wake Tech's GPS be your guide!

Wake Tech's new GPS (Guiding Prospective Students) information sessions can help you navigate your way through the process of enrolling at Wake Tech



in the field of your choice. Get an overview of the application steps. Learn about all the resources Wake Tech has to offer, including financial aid, career counseling and job placement. Take a campus tour.

Whether you're just finishing high school, or returning to college to learn new skills, Wake Tech's GPS will help guide you every step of the way. Check http://gps.waketech.edu for dates and times of the next GPS sessions. See you there! **CF**



Wake Technical Community College | www.waketech.edu | 919-866-5000

Registration

How to Enroll in Classes at Wake Tech



Apply for Admission

- 1. Visit http://admissions. waketech.edu and complete an online Application for Admission.
- 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
- Schedule a college placement test here: http://testingcenter.waketech. edu (certain exemptions apply)
- Apply for assistance, as 4 appropriate: financial aid, scholarships, or veteran's benefits.

Visit us! **Annual Open House**

Enrollment Information • Exhibits **Demonstrations** • Campus Tours

April 8 & 9, 2011

Main Campus 9101 Fayetteville Rd., Raleigh 9:00am - 12:00pm

April 30, 2011 Northern Wake Campus

6600 Louisburg Rd., Raleigh 10:00am - 12:30pm



For more information, call 866-5500

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. Visit http://my.waketech.edu, click Activate Account and follow

the prompts to establish your Key Account User ID and password.

- 2. To register for classes, visit http://webadvisor.waketech.edu. Click **Log In**, enter your Key Account User ID and password, and click Submit.
- Select Current Curriculum 3. Students (Credit).
- Under the Registration 4. heading, click Search for Curriculum Sections or Register for Sections and follow the prompts.
- Remember to pay for your 5. 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

Key Dates - Spring 2011 Semester

Semester Dates	1/5/2011 - 5/5/2011
Registration period*	
5	-mester class 3/10/2011 -
*	Students register by assigned priority

Tuition payment deadlines: If you register:

10/25/2010 - 11/19/2010, payment is due	. 11/19/2010
11/20/2010 - 12/16/2010, payment is due	12/16/2010
12/17/2010 - 1/4/2011, payment is due	1/4/2011
3/5/2011 or later, payment is due same day as registration	

Questions about	Questions about
Admissions or Advising?	Registration?
• Call Student Information at	• Call Registration Information at
919-866-5500	919-866-5700
(Mon-Thu, 8 a.m7 p.m. and	(Mon-Thu, 8 a.m5 p.m. and
Fri, 8 a.m4 p.m.)	Fri, 8 a.m4 p.m.)
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Wake Tech A to Z

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Credentials Key:		
$\mathbf{AA} = Associate in Arts$	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.	26,100 - 74,700
Air Conditioning, Heating, & Refrigeration	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.	32,080 - 53,660
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.	28,200 - 67,100
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,	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.	24,500 - 62,300
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*	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	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.	26,800 - 66,700
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, and programming; graduates may qualify for certification in electronics, computers, or networks.	26,600 - 70,800

* Also available online **Also available as hybrid

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

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.	22,300 - 54,400
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.	40,100 - 69,600
Construction Management	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, 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/ 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 Arts	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.	39,900 - 69,700
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.	29,226 - 42,328
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.	50,713 - 69,413
Diploma in Arts*	AA Transfer Diploma	Transfer to a senior institution; Completion of course work is equivalent to the core general education requirements for a bachelor's degree; awarded upon successful completion of 44 hours.	N/A
Diploma in Science	AS Transfer Diploma	Transfer to a senior institution; Completion of course work is equivalent to the core general education requirements for a bachelor's degree; awarded upon successful completion of 44 hours.	N/A
Early Childhood Education	AAS, D, C	Jobs 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-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	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 - 78,600
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	AAS	Professions involving environmental testing/consulting and related work, including chemical analysis, biological analysis, water/wastewater treatment, EPA compliance inspection, or hazardous materials handling.	26,600 - 68,500
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
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
Global Logistics Technology	AAS, C	Logistics careers including entry-level purchasing, logistics analyst, distribution supervisor, export coordinator, transportation scheduler; employers include government agencies, manufacturing, retail, and service organizations	31,000 - 50,000
Heavy Equipment and Transport 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.	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
Hospitality 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

* Also available online **Also available as hybrid Sources: U.S. Department of Labor, http://www.bls.gov; http://www.salary.com, http://www.cbsalary.com, and employer surveys. Salaries may vary based on experience, education, and location.

Area of Study	Credentials offered	Prepares you for	*Salary Median/ Range
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*	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.	30,500 - 75,800
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.	40,700 - 75,200
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.	27,200 - 45,000
Interventional Cardiac and Vascular Technology	D	Employment as a Radiographer with knowledge and skills needed for entry-level intervention cardiac and vasular specialist positions; work environments include hospitals and imaging centers.	39,500 - 59,500
Landscape Architecture	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.	28,200 - 67,100
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.	39,500 - 56,500
Mechanical Drafting	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**	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.	31,100 - 73,300
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.	24,353 - 32,626
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.	36,500 - 55,500
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.	41,000 - 66,300
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.	46,007 - 69,421
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 and 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	17,500 - 27,000
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.	43,649 - 63,610
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 - 69,600
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.	33,925 - 43,807
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.	29,600 - 53,000
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.	23,339 - 51,876
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.	40,700 - 75,200
Welding Technology	D,C	Jobs in the welding and metalworking industry; employment as an entry-level technician in construction, manufactur- ing, fabrication, sales, and quality control environments.	31,904 - 45,897

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Wake Tech's Culinary Arts Showcase **A Memorable Experience**



f you like the baking and cake decorating competitions you see on TV, you won't want to miss the 2011 Culinary Arts Showcase at the Raleigh **Convention Center.** This event is a must-see for food

lovers of all ages! It brings together culinary students and professional chefs from across North Carolina to compete for medals and cash prizes. Many of your favorite local restaurants will be there, too, offering hors d'oeuvres and food samples. The Showcase also features a live, twohour cake decorating challenge that you can watch, right down to the wire! Last year's theme, "Childhood Memories," produced cakes depicting favorite vacation spots, board games, and even Kermit the Frog! An ice carving demonstration by Wake Tech instructors and students turned out some very cool sculptures, including a giant eagle, Wake Tech's mascot.

The 2011 Culinary Arts Showcase is sure to be just as appealing, so mark your calendars for April 12. Your taste buds will thank you! CF





Save the Date!

WAKE TECH



Culinary Arts CULINARY ARTS Showcase

Tuesday April 12, 2011 Raleigh Convention Center

- ACF Pastry & Cold Food Salon
- Cake Decorating Competition
- Tastings Catered by Local Restaurants
- Ice Carving Exhibition
- Student Demonstrations
- Live Cake Auction

For more information, visit baking.waketech.edu





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