Wake Technical Community College

Careerfocus Take control of your future

Exploring the World of Simulation and Game Development See page 2

Make the Most of Your Two-Year Degree See page 7

Need \$\$\$ For College? Financial Aid 101 See page 8

CareerFocus Wake Technical Community College 9101 Fayetteville Road Raleigh, NC 27603

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From President Scott:

Welcome to CareerFocus!

Wake Tech is proud to offer courses, programs, and career pathways that can help you meet your goal – whether it's a new job, a new skill or a higher degree. This publication outlines much of what Wake Tech has to offer and may be a useful tool to help you learn about the programs that are just right for you.

At Wake Tech, we're adding new programs and facilities all the time, like our new Honors Program and our new partnership with the U.S. Army ROTC. There is great excitement at our Western Wake Campus, where you can complete an associate's degree by taking classes four days a week – and have Friday's all to yourself! We're also proud to unveil our new Public Safety Training Center (on Chapanoke Road, just south of the Beltline), soon to become a model training facility for the entire region.

Check out the cover story about our cutting-edge Simulation and Game Development program. You'll see that digital gaming has come a long way! There's also information on how to make the most of any twoyear degree at Wake Tech, and how you can make it all happen if you need help with tuition during these tough economic times.

CareerFocus tells you everything you need to get started at Wake Tech – registration information, class schedules, tuition prices, and contact numbers for faculty and advisors who can assist you.

Read on! You may be surprised to learn that Wake Tech is YOUR community resource that can take you from where you are now... to wherever you want to be. **CF**





ON THE FRONT LINES By Sheree Ward

ake Tech's new Public Safety Training Center opened its doors in January of this year to offer state-of-the-art training to law

enforcement officers, firefighters, corrections officers, and emergency medical services personnel. "Safety is a concern for everyone," says Wake Tech President Stephen Scott, "and we must provide quality training for the safety professionals we count on to be on the front lines."

The new Center, located on Chapanoke Road in Raleigh, is the first centralized facility for training of this kind in Wake County and will serve as a model regional center. Until now, in-service training for law enforcement agencies, including local police departments, the Wake County Sheriff's Office, the State Bureau of Investigation, and the N.C. Department of Corrections, took place at 16 locations around Wake County. Enrollment in law enforcement training classes has more than doubled over the past five years. Wake Tech also provides training for firefighters on site at fire departments throughout the area.

So far, about 20 percent of the 100,000 square foot building has been

renovated. It includes classrooms, offices, and a weight training facility. The Center offers courses such as Crime Scene Investigation, DWI Detection, and Field Training Officer Instruction. The next phase of renovations, to be completed in 2010, includes more classrooms, a booking center, and even a mock courtroom and jail.

"This facility will benefit the entire community," says Anthony Caison, Wake Tech's Dean of Public Safety Training. Caison says it is critical that Wake Tech's training is the most progressive and up-to-date available. "Because of new methods he learned while taking a Wake Tech class, one of our students recently pushed to reopen a cold case and perform DNA testing. Now the original suspect has been charged and will stand trial for the crime. This kind of result is why we're so diligent to offer the most current training."

The Public Safety Training Center's future is a promising one that will likely benefit all public safety officers and workers in the Triangle region. Course offerings in specific areas will expand as the Center grows to help make the region's public safety personnel the very best at what they do. **CF** 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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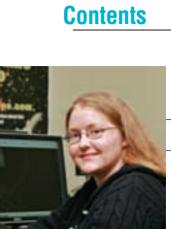
WAKE TECH A TO Z

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On the cover:

David Brossoie, one of 200 students in Wake Tech's Simulation and Game Development program.





On the Cover

igh resolution graphics! Realistic animation! Action-packed game play and a brave new world of simulations! Many of the hottest video games are developed right here in the Triangle, and specialized training for the designers of these high-powered engines is here, too.

This year, the first graduates of Wake Tech's cutting-edge Simulation and Game Development (SGD) program will enter the workforce. The associate's degree program started in 2006, when Wake Tech was awarded an \$858,000 grant from the National Science Foundation (NSF). Department Head Dr. Kai Wang says it is the only community college program of its kind to be funded by NSF in the nation.

The centerpiece of the SGD program is a state-of-the-art Alienware computer lab, where students get hands-on training in design, 3-D modeling, animation, simulation, and programming. One of those students, 22-year-old Ashlee Sheffield, says, "I always loved playing video games. I thought it would be fun to learn how to make them."

Sheffield, like the other 200 students in the program, started with general game design courses and moved into more advanced courses in her second year of study. The curriculum was designed in part by members of the International Game Developer's Association

(IGDA), with significant input from local industry leaders.

There are more than 40 digital game companies in the Triangle. That's the highest concentration of such companies in the Southeast. These companies employ designers, artists, animators, and technicians at competitive salaries.

"I see myself getting an entry level job in 3-D



Getting Serious About Games

modeling," says SGD student David Brossoie. "It's like using clay in a virtual environment, and that's exactly what I want to be doing."

In addition to creating traditional, flat panel games, Wake Tech students will soon start learning to convert their 3-D designs to a 160-degree, wide-angle dome. The \$20,000 Immersive Display dome is 1.5 meters across, and is the newest addition to Wake Tech's program. In the real world the dome is used by the military for flight simulations, by medical institutions for research, and by other industries such as transportation, real estate, and interior design.

"We're extremely proud to be the home of the state's most advanced game development facility," says Dr. Stephen Scott, Wake Tech president. "We think it demonstrates how committed we are to training world-class workers and stepping up to the challenges of this expanding high-tech industry. This facility and all that it makes possible put Wake Tech on the leading edge of what may be the next quantum leap in education, as game technology continues to advance and so-called 'serious' games and educational simulations become the teaching tools of choice."

Careers may hinge on skills in developing "serious" games, but that doesn't mean *playing* video games isn't still fun. Students say they now look at video games with a more critical eye. "It made me more interested in video games," says Sheffield, "but now I look at them from a more creative point of view, and I say, ok, I know why they put that there!" **CF**

Like Playing Video Games?

You're not alone! A survey by the NPD Group, a New York-based research firm, reveals that 72% of the U.S. population played video games last year. That's up from 64% in 2006. Among those who played video games, just over half said they played online – everything from casual card and puzzle games to online racing and combat games.



What Can You Earn?

Tester: \$24,599

Designer: \$44,342

Artist/Animator: \$45,396

Programmer/Engineer: \$57,913

*All figures based on 2007 Game Developers Magazine survey for workers with three or fewer years of experience.

CareerFocu



Eye on Student Services

Q: Do I have to take a test for admission?

A: The computerized COMPASS test is required for all curriculum programs. Its purpose is to help define your current reading, writing, and math skill levels. Test results are used to determine which courses you should take initially. The test must be taken as a condition of course placement except in special situations such as the following:

- You already have a transferable associate's or bachelor's degree or higher.
- You have taken either the SAT, ACT, Accuplacer, ASSET, or COMPASS test within the past 5 years and meet our placement score requirements.
- You are not planning on taking courses as part of a certificate, diploma, or degree program and wish to enroll as a Special Student after all other students have registered.
- You have a disability which requires special testing accommodations. In this case, contact http:// disabilityservices.waketech.edu or call 919-866-5670 (TTY 779-0668) to arrange for alternative testing.

Testing is available at the Main Campus, Health Sciences Campus, Western Wake Campus, and Northern Wake Campus. There is NO charge for the first test. You may make an appointment for testing at http://testingcenter.waketech.edu.

What if it's been a long time since I was in school?

A: We strongly advise that you take some time to refresh your reading, writing, and math skills before taking the COMPASS test. To refresh your skills, you can go online to http://testingcenter. waketech.edu to view sample test questions and take "warm-up exercises." You can also get assistance at our Individual Learning Center (ILC), on the Main Campus, Health Sciences Campus, and Northern Wake Campus. The ILC offers both short practice booklets and 12-hour preparation sessions to help you.

): What if I have a disability?

A: Wake Tech has a Disabilities Support Services (DSS) program with a highly-skilled, professional staff to help you. Visit the DSS office on any of our campuses to find out how to arrange for accommodations or other services you might need. You may contact DSS at 919-866-5670 (TTY 779-0668) or at http:// disabilityservices.waketech.edu.

What if I'm not sure of what I want to do, or I want to change jobs?

A: Student Services offers career counseling at our Career Center on Main Campus. Knowledgeable, experienced career counselors are available to assist you in career exploration and interest inventories. Call 919-866-5460 to make an appointment with a counselor, and visit http:// counseling.waketech.edu/career.php, the Career Center website, to find other valuable tools.







Love sports? We got 'em! Back in February, the WTCC Board of Trustees voted to make intercollegiate athletics a part of Wake Tech – for the first time ever. The program starts this fall with men's soccer, women's volleyball, and men's and women's golf. Basketball will be added next year; baseball and softball a year later. The teams will play as members of the National Junior College Athletics Association in Division 1, Region 10. So lace up those athletic shoes... and **Go Eagles!**

Student Services: Where to go when you need to know... http://studentservices.waketech.edu

Facts and Finds

Find the set of GRCVB/VisitBaleform



Topping the List

Looking for a good job? You've come to the right place! For the second year in a row, Forbes Magazine has ranked the Raleigh area the

nation's best for business and careers. Why? The magazine cites Raleigh's strong job and income growth, low business costs and an educated labor supply. Specifically, it says large businesses are locating here because of the influx of "talented young people." Next on the list: Boise, Idaho and Fort Collins, Colorado. **CF**

Feed Your Creativity

When it's time to do some creative thinking, what's the best way to

come up with a great new idea? Should you brainstorm? Should you get out and experience new things? Or should you find time to be by yourself and let your mind wander? The answer is yes to all. Studies show that creativity thrives on a mix of stimulating new ideas and experiences combined with quiet contemplation.



still needs the face-to-face energy of a vibrant office, bustling neighborhood or culturally-diverse big city.

"The potential edge that urban dwellers enjoy over their country cousins can be linked to having more and different people to meet, and more meeting places – parks, coffee shops, parties or simply the sidewalk," it concludes.

Getting your ideas flowing is important for creativity too. "Studies of the most creative people in history – such as Einstein and Edison – have shown that geniuses develop their most innovative ideas when they're generating the greatest number of ideas, reports a 2003 *Inc. Magazine* article on creativity in the workplace. "So set your goals high: If you need a single good solution, look for 100 ideas."

Trust yourself

But let's dispel one big misconception. The group brainstorm, long a staple of classrooms and conference rooms isn't a good way of generating quality ideas.

Many studies have shown that "...people working alone generally hit upon better ideas than do the same people working together," reports a 2005 *In Character* magazine article on creativity.

So, keep your environment varied and keep the ideas coming, but when it's time to think it all through, the best approach is to retreat and sift through your ideas. The most creative attitude is, "...a sort of neutral state in which we're receptive to issues or themes that bother us but are unresolved," reports *Inc Magazine*. That's why activities like showering, driving or walking often produce some of our best ideas. **CF**

More Education Means Better Health

It's no news that a college degree boosts your earning power and reduces the chances that you will be

unemployed, but did you know it also protects your health?

A 2007 College Board online report, "Education Pays," reveals that education also has many health benefits.

• More college grads report excellent or very good health than do high school graduates.



Wake Technical Community College ofrece una variedad de cursos en español en sus diferentes campus, distribuidos estratégicamente en las ciudades de Raleigh y Cary, para que usted elija el más conveniente a su hogar. Los cursos ofrecidos son: clases de ingles "ESL" (ingles como segunda lengua), entrenamiento en seguridad y prevención de riesgos "OSHA", capacitación de computadores, programa de equivalencia a la secundaria "HEP", seminarios para pequeños negocios y empresarios, clases de soldadura, alfabetización, primaria y secundaria. Después



• Only 9 percent of college graduates smoke cigarettes compared to nearly 30 percent of high school graduates.

• Over 60 percent of college grads exercise vigorously at least once a week compared to 31 percent of high school graduates who do.

• College graduates are more likely to have jobs with healthcare coverage than their high school graduate counterparts. **CF**

de la conclusión de los niveles de ESL, los cursos "English as Foreign Language" (*ingles como un idioma extranjero*) y "Beyond the Basics" (*mas allá de los fundamentos*) ofrecen alternativas intermedias y avanzadas de dominio del idioma ingles.

Nuestros instructores certificados y nuestras instalaciones con salones equipados y con la tecnología más avanzada hacen de nuestros cursos alternativas de calidad indiscutibles para las necesidades educativas de nuestros estudiantes.

Para mayor información de nuestros cursos o programas comuníquese al 919-866-5852 o visite la página de Internet http://enespanol.waketech.edu/

An Alumni "First" Pat Bazemore Cary Chief of Police

here's a first time for everything, the saying goes. No one knows that better than Wake Tech alum Pat Bazemore, whose career has been one "first" after another.

Bazemore, Cary's new Chief of Police, got her first crimefighting job 22 years ago, after graduating from Wake Tech with an Associate's Degree in Criminal Justice. The Cary Police Department hired her as a patrol officer, and she loved it!

Bazemore worked hard and began to rise in the department's ranks – becoming the **first** female sergeant, first female lieutenant, first female captain, first female major, and then first ever deputy chief in Cary Police history. As she rose within the department, she added educational credentials as well, earning her Bachelor's Degree from Campbell University and her MBA from Pfeiffer University. She also participated in advanced law enforcement training with the FBI, NC State University, and the School of Government at UNC-Chapel Hill.

Now, 22 years after that first foray into police work, Bazemore has

reached the top as Cary's Chief of Police. She is the first woman ever to earn that distinction.

"It's the pinnacle of my career," Bazemore says, "knowing that I have the support of the town staff, the department, and the community. It is truly an honor, and I am so proud to serve with such outstanding men and women."

Bazemore was appointed Chief on January 11, 2008. Town Manager Bill Coleman says she will "keep the Cary Police Department on the cutting edge in all areas of law enforcement and service to the community" and adds that Bazemore has "the education, experience, and leadership capability" to do so.

While Bazemore's hard work and achievements are truly impressive, she credits Wake Tech with giving her a solid start and a strong foundation upon which to grow. "Without having gone through the Criminal Justice program at Wake Tech, I wouldn't be where I am today." **CF**







Where Are You Now?

The Wake Tech Foundation is creating an Affinity Program for Wake Tech alumni. If you have ever attended a class at Wake Tech, we want to hear from you!

Please visit: http://foundation.waketech.edu Let us know what you have been doing since attending Wake Tech and what kind of benefits you would like to see offered to alumni.

Wake Tech Foundation • 9101 Fayetteville Rd • Raleigh NC 27603 919-866-5924 • http://foundation.waketech.edu



CRIMINAL JUSTICE TECHNOLOGY A.A.S. DEGREE

Sample Courses: Criminal Law, Ethics, Juvenile Justice, Court Procedure & Evidence, Investigative Principles, Crisis Intervention

LATENT EVIDENCE TECHNOLOGY

A.A.S. DEGREE

Sample Courses: Investigative Photography, Crime Scene Processing, Footwear and Tire Imprints, Trace Evidence

Student Spotlight

Honorable Mention

believe if you set the bar high and give an honest effort," says Wake Tech Honors student Rick Long, "you won't be disappointed with the final results."

Rick's life story certainly bears that out. He's one of the first 16 students in Wake Tech's brand new Honors Program, but getting to this point has not exactly been easy.

After graduating from high school almost 20 years ago, Rick didn't feel ready for college, so he joined the Marine Corps. He served for five years, including a stint in the Gulf War. He then enlisted in the Army for three years of active duty before joining the Reserves and working full-time for the U.S. Postal Service. He also got married and started a family.

As if juggling work, family, and the military were not enough, Rick felt something was still missing. In 2005, he decided to quit his job and do something he had put off years earlier: He enrolled at Wake Tech to pursue his associate's degree.

Unfortunately, Rick's college experience would be short-lived. Less than a year later, duty called



again, and Rick was deployed to Iraq. His academic pursuits were again put on hold as he spent seven months in Taji, Iraq, teaching mechanical maintenance to Iraqi Army personnel. But he didn't miss a beat upon returning home: before even leaving Iraq he had enrolled in classes. "In less than a week," he says, "I was sitting in a Wake Tech classroom."

He's done a lot more than sit – Rick will graduate next spring



with honors. He embraced the new Honors Program at Wake Tech's Northern Wake Campus as one more way to challenge himself, but he takes the "honors" distinction in stride. He says it's about dedication and hard work, not exceptional talents or academic abilities: "I know where my weaknesses

are, and I tailor my studying to cater to those needs." With a GPA of 3.9, he's doing something right.

Rick will no doubt be on to the next challenge once he has his associate's degree in hand. His goal is to teach high school math. He loves working with youth and is a leader in the high school program at his church. And yes, he's still in the Army: he's now a Senior Drill Sergeant in the

"I believe if you set the bar high and give an honest effort, you won't be disappointed with the final results."

Reserves, although he says he'll retire from military service next year.

Rick Long believes in leading by example. Hard work, excellence, and service to others – not a bad example for anyone to follow! **CF**

Wake Tech's New Honors Program

ake Tech unveiled its Honors Program early this year at the new Northern Wake Campus. College faculty and administrators are thrilled about the program, which will offer support to outstanding Wake Tech students – and give them an important advantage in transferring to 4-year institutions.

The importance of such a program cannot be overstated, says Wake Tech's Curriculum VP Bryan Ryan:

"Recognition for high-achieving students is absolutely vital –

particularly for a community college. We define ourselves by our ability to meet the needs of every student, and that certainly includes those who excel! They need challenges and opportunities to build outstanding academic records and move on to greater achievement. An honors program says we recognize their efforts and want to help them reach their goals."

Wake Tech's Honors Program allows students to demonstrate their leadership abilities, with special opportunities in the classroom and in the larger campus community. To qualify, students must have a weighted cumulative GPA of at least 3.3 in their senior year of high school, or a cumulative GPA of at least 3.3 in post-secondary work. The application process also includes a student-written essay about the importance of critical thinking, and written recommendations from past teachers.

The program's three main components are as follows:

Honors Options Courses

Students work with instructors to do extra work and take on various leadership positions. Instructors serve as mentors and provide feedback.

College Forums

Forums feature artists, musicians, political leaders, and others, designed to spark critical thinking and collaboration among students.

Team Teaching

This approach integrates different disciplines and provides opportunities for lively lectures, debates, and other special presentations.

Wake Tech plans to expand the Honors Program and hopes to offer Honors Option courses on its Main Campus in the fall of 2009. **CF**

Make the Most of Your **Degree**

ou're smart. You want to save time and money, and you want a really great job. Sounds like you're a candidate for an associate's degree, where in just two years you can become qualified for some of the fastestgrowing occupations – and the most interesting professions!

"2 + 2"

Bryan Ryan

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Wake Tech's career-focused associate's degrees - Associate in Applied Science (AAS) degrees – are built with employability in mind. With a wide variety of career options (see Your College A to Z, p. 10), these degrees can connect you directly to high-demand professions in biotechnology, business, commercial and artistic production, computing, construction, engineering, healthcare, industry, public service, and transportation. Each degree program is kept up-todate with the latest economic and employment data from business, industry, and community advisors - so you know for sure that the job skills you're getting are in demand. Among Wake Tech's hottest new AAS degree programs are Construction Management, Criminal Justice/Latent Evidence (CSI), Information Systems Security, and Simulation and Game Development.

What if you're career-focused but want to keep your options open for that bachelor's degree? An AAS from Wake Tech can be a springboard to many North Carolina colleges and universities.



Through "2 + 2" partnerships with East Carolina University, UNC-Greensboro, Campbell University, and others, you can go to work while still exploring higher education. With your AAS degree in hand, you'll have the technical know-how to begin a rewarding career, earn money, and gain valuable work experience while pursuing your bachelor's degree. Many companies will even help pay for employees to continue their education! AAS programs with "2+2" options cover a growing number of degrees as more and more students choose this pathway to a great career.

"**A**+"

What about the arts and sciences? Wake Tech's Associate in Arts (AA) and Associate in Science (AS) degrees, designed for transferring credits toward a bachelor's degree, can also prepare you for immediate employment through the unique Associate's Plus (A+) program. A+ allows students in college transfer programs to learn job skills and earn a technical certificate in a high-demand field while completing their degree. They can put that certificate to work right away, and earn big dividends: with a certificate alone, a worker can earn up to \$44,000 a year! That earning power can go a long way toward paying for further college courses.

Graduates of the Associate's Plus program have two years of college credits that can be applied toward a bachelor's degree at any of the 16 UNC institutions – and at other North Carolina colleges as well. With this winning combination, you can build a powerful resume, earn money while continuing your education, and improve your future employment and salary prospects.

Technical Skills vs. Soft Skills

Today's employers are also looking for people with the "soft" skills needed to successfully participate in a changing marketplace – good thinkers, good communicators, team players. All of the associate's degrees Wake Tech offers include courses that develop soft skills such as written and oral communication skills, adaptability, teamwork, and critical thinking. When it comes to critical thinking, Wake Tech's *ACE*—*Thinking for Life* initiative focuses on the ability to analyze, create, and evaluate – and is a component of every course taught at Wake Tech.

Wake Tech helps students make the most of their two-year degrees. Our graduates build a strong foundation for career advancement and further training.

Don't choose a degree that narrows your future – choose one of the associate's degree options at Wake Tech! **CF**



Change Your Life and Change the Lives of Others.

Consider a career in Health Sciences. Work as part of a team in a fast-paced, dynamic environment.



Associate Degree Nursing Dental Assisting Dental Hygiene Emergency Medical Science Human Services Technology Medical Assisting Medical Laboratory Technology Pharmacy Technology Radiography Surgical Technology Therapeutic Massage

COMMUNITY COLLEGE Wake Tech Health Sciences • 2901 Holston Lane • Raleigh, NC • 27610 • 919-747-0400 http://health.waketech.edu

Make Financial Aid Work for You

Quick tips to help the process go smoothly

no longer be available. All institutions receive a set amount of some funds from the federal and state government, and after that's gone, you may have to find other resources. Federal Pell grants are always available for those who qualify.

Be in Good Credit Standing

If you've been a student before and had student loans, it's important to be in good standing. There is a check through a government database for previous loans to see if you may have failed to repay. If you are in default of a previous federal loan, you will not qualify for federal aid.

Get Good Grades

Failure to make satisfactory progress in your courses can hinder your future eligibility for aid. Attempted credits means all courses registered. Withdrawing or not completing courses will impact your financial aid eligibility.

For more information, please visit http://financialaid.waketech.edu. You may also contact the office directly:

Office of Financial Aid

(919) 866-5417 e-mail: finaid@waketech.edu.

etting free money

for college doesn't

have to be a difficult

process. It's all in the

guidelines to follow:

Apply Early — Don't Wait Until

It's important to apply for aid as

soon as possible. The first step is

the Free Application for Federal

following fall term. The application

Student Aid (FAFSA). It's best

to complete the application in

January of each year for the

may be completed any time

throughout the year, but if you

to pay out of pocket. You'll be reimbursed later if you qualify. It's best not to wait until the last minute because some monies may

apply after June 1st, be prepared

the Last Minute

details. Here are a few

Office Hours Appointments are not necessary.

Main Campus

Student Services Building, Room 015 Mon. – Thurs. 8:00 a.m. to 7:00 p.m. Friday 8:00 a.m. to 4:00 p.m.

Northern Wake Campus Administration Building Tues. & Wed. 8:00 a.m. to 5:00 p.m.

Western Wake Campus Monday 10:00 a.m. to 12:00 p.m.

Health Sciences Campus Tuesday 11:30 a.m. to 1:30 p.m.

You can start by visiting these Web sites:

www.cfnc.org www.federalstudentaid.ed.gov www.collegeboard.org/scholarships www.finaid.org www.fastweb.com

Make Sure Your Social Security Number Matches Your Name

Names that don't match with Social Security Numbers cause problems and delays. If a woman gets married and doesn't change her name with the Social Security Administration, that will raise questions during processing of the FAFSA. Be sure to change your name and update all your personal information with any changes. This may also raise questions of your citizenship, and you may have to produce other documents proving citizenship.

Register with Selective Service

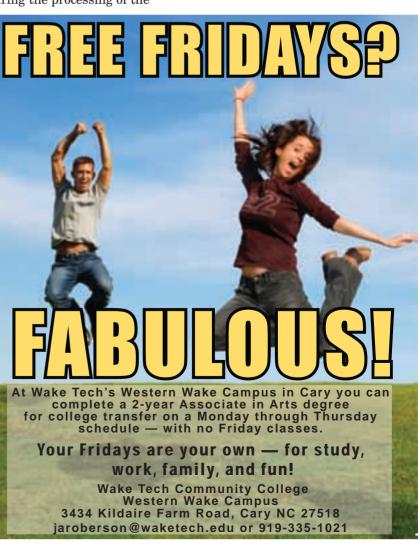
All males 18 years of age must register with Selective Service. This is another check that occurs during the processing of the FAFSA. Failure to do so will hold up your application.

Apply for Scholarships

The Wake Tech Foundation offers more than 60 financial need and merit-based scholarships to assist students pursuing a degree, diploma or certificate at Wake Tech. For a list of scholarships, visit http://foundation.waketech. edu/studentscholarships.

Search for Other Sources of Aid

Scholarships are available from a number of community organizations and other groups. Local businesses and community organizations may offer scholarships, though you will have to do some checking to find out. Statewide and national scholarship programs also are available. **CF**



Registration

HOW to Enroll in Classes at Wake Tech

1. Apply for Admission

- a. Complete an Application for Admission.
- b. Have your official high school transcript sent to Admissions. (If you have an associate's or higher college degree, you will not need to submit this transcript.)
- c. Have your official SAT or ACT scores, if taken, sent to Admissions. (Prospective students who have passed college-level courses in English and mathematics with a "C" or better may not need to have scores sent.)
- d. Have your official transcripts from other colleges/universities sent to Admissions.
- e. Schedule a college placement test. (Prospective students who have passed college-level courses in English and mathematics with a "C" or better may be able to waive placement testing.) Some programs require an interview as part of the admission process.*

f. Schedule a time to take the placement test after your application is received.

2. Get Advice

- a. If you plan to earn a degree, diploma, or certificate, you must attend a group or individual advising session with an advisor for your program of study. With the assistance of your advisor, select classes for the upcoming term and receive your registration priority date.
- b. If you 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. If you plan to register for an English or math class, you must take the college placement test unless it is waived.
 Special students are not eligible for financial aid.

3. Access Online Registration*

Wake Tech has made some improvements that will allow you

to access WebAdvisor and many other College services with one login, called your KEY ACCOUNT

Know your **STUDENT ID**. Your **STUDENT ID** is a 7 digit number that can be found by accessing **my.waketech.edu** and clicking on **Activate Account** or by contacting Enrollment and Records at 919-866-5700 or the Wake Tech ITS Help Desk at 919-866-7000.

Activate your **KEY ACCOUNT**. All student accounts (current and new) must be activated prior to Logging in to WebAdvisor. If you know your **STUDENT ID** you can activate your account by accessing **my.waketech.edu**. Click the **Activate Account** button and follow the instructions provided and when you have entered all requested information, click **SUBMIT.**

After activating your **KEY ACCOUNT**, type the address for WebAdvisor (https://webadvisor. waketech.edu) in the address box of your internet browser.

Click on Log in.

Enter your User ID and password you just created at **mywaketech.edu** in the User ID and password boxes. Click **SUBMIT** (If you forgot your User ID or Password go to my.waketech.edu to retrieve your User ID or reset your Password.)

Click on Current Students.

Under the Registration heading, click on Search for Sections or Register for Sections and follow the prompts. For more detailed and stepby step instructions, please go to the WebAdvisor Help site at http:// wainfo.waketech.edu

Note: If you simply want to search the schedule of classes, you do not need a User ID or a password. You can click on **Prospective Students** or **Current Students** and then click **Search for Sections** without an ID or password! CF

Registration Dates			
Student Group	Fall 2008		
Applied Technologies majors	Mar. 24-Aug. 22		
Health and General Occupations majors	Mar. 25-Aug. 22		
Computer and Engineering Technologies majors	Mar. 26-Aug. 22		
Business Technologies majors	Mar. 27-Aug. 22		
College Transfer and General Education majors (with more than 36 hours earned as of last completed term)	Mar. 28-Aug. 22		
College Transfer and General Education majors (with more than 24 hours earned as of last completed term)	Mar. 31-Aug. 22		
College Transfer and General Education majors (with more than 11 hours earned as of last completed term)	Apr. 1-Aug. 22		
College Transfer and General Education majors (with at least 1 hour earned as of last completed term)	Apr. 2-Aug. 22		
All majors, except special and dual-enrollment students	Apr. 4-Aug. 22		
New and returning special students	Jul. 7-Aug. 22		
Dual enrollment students	Jul. 8-Aug. 22		

*Walk-in Registration is also conducted on campus on selected dates. View the Registration Calendar on http://calendars.waketech.edu/.



Questions about Admissions or Advising?

- Call Student Information at 919-866-5500 (Monday–Thursday, 8 a.m.–7 p.m. or Friday, 8 a.m.–4 p.m.).
- Visit the Wake Tech Website at http:///www.waketech.edu.
- Mail to: Admissions Wake Tech Community College 9101 Fayetteville Road Raleigh, NC 27603.

Questions about Registration?

- Call Registration Information at 919-866-5700 (Monday-Thursday, 8 a.m.-5 p.m. or Friday, 8 a.m.-4 p.m.).
- Email registrar@waketech.edu.
- Visit WebAdvisor Help at wainfo.waketech.edu.

Caution: All students must meet all course prerequisites. Students who have not provided official transcripts may be required to show evidence of prior credit.

Wake A to Z

Thinking about your future?

e are! At Wake Tech, your education and your career options are always foremost in our minds. That's why we're busy creating new courses and degree programs, building new facilities, and improving your access to the best, most affordable education around.

With exciting new programs like Simulation and Game Development (featured in our cover story), students are finding future career possibilities that are virtually limitless. Wake Tech programs offer the specialized skill building that puts students in high demand. So ... whether it's computers, construction, caring for patients... or some other field that beckons... Wake Tech has the courses and training programs to get you there.

Take a look at what we offer – and join us in thinking about YOUR future! **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
Air Conditioning, Heating & Refrigeration Technology	AAS, D, C	Work with residential and light commercial systems, including start-up, preventive maintenance, service, repair, and/or installation.	28,101 - 46,197
Accounting	AAS, C	Accounting functions including assembling, analyzing, processing, and communicating essential information about financial operations. Entry-level positions in accounting firms, small businesses, manufacturing firms, banks, hospitals, school systems, and government agencies.	32,171 - 43,981
Advertising and Graphic Design**	AAS, C	Employment with graphic design studios, advertising agencies, printing companies, department stores, a variety of manufacturing industries, newspapers, and businesses with in-house graphics operations.	29,360 - 50,840
Architectural Technology	AAS, C	Construction document preparation, materials and methods, environmental and structural systems, building codes and specifications, and computer applications; employment in the architectural, engineering, and construction professions in industry and government.	30,231 - 44,272
Associate in Arts*	AA Transfer Degree, D	The completion of course work equivalent to the general education requirements for the bachelor's degree at a senior institution. Awarded upon successful completion of 64 hours, including the minimum in areas required in a specific curriculum.	N/A
Associate in General Education*	AGE	General education with emphasis on intellectual growth and personal enrichment; includes an introduction to the liberal arts in a program that can be tailored to student interests rather than to specific technical or professional requirements.	N/A
Associate in Science	AS Transfer Degree, D	The completion of course work equivalent to the general education requirements for the bachelor's degree at a senior institution. Awarded upon successful completion of 64 hours, including the minimum in areas required in a specific curriculum.	N/A
Associate in Science – Pre-Major: Engineering	AS Transfer Degree	The completion of course work equivalent to the general education requirements for the bachelor's degree at a senior institution. 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 in dealerships and repair shops in the automotive services industry; upon completion, students should be prepared to take the ASE exam.	32,291 - 46,701
Basic Law Enforcement Training	C	Entry-level employment as a law enforcement officer with state, county, or municipal governments, or with private enterprise.	34,410 - 56,360
Bioinformatics Computing	C	This advanced certificate prepares you for biological database creation; data management, warehousing, mining, and analysis, using networks of computers and databases.	40,100 - 58,945
BioPharmaceutical Technology	AAS	Employment in pharmaceutical manufacturing and related industries, including chemical quality assurance, microbiological quality assurance, product inspection, documentation review, manufacturing, and product/process validation.	28,005 - 56,591
Business Administration	AAS, C	Fundamental business functions and processes in business organizations in the global economy, with employment opportunities in government agencies, financial institutions, and small to large business and industry.	41,743 - 81,027
Business Administration/Human Resources Management	AAS, C	Employment in personnel, training, and other human resources development areas.	31,820 - 55,540
Civil Engineering Technology	AAS, C	Employment as a technician in public or private engineering, construction, and surveying companies in environmental technology, surveying, or construction of transportation systems, residential and commercial buildings, bridges, dams, and water and wastewater treatment facilities.	29,880 - 48,590

Area of Study	Credentials offered	Prepares you for	Salary Median Range
Computed Tomography and MRI Technology	D, C	Radiographers use specialized equipment to visualize cross-sectional anatomical structures and aid physicians. Graduates may sit for the American Registry of Radiologic Technologists Advanced-Level testing, and may find employment in facilities where these procedures are performed.	36,170 - 52,430
Computer Engineering Technology	AAS, C	Installing, servicing, and maintaining computers, peripherals, networks, and computer-controlled equipment. Job opportunities in electronics technology, computer service, computer networks, server maintenance, programming. Graduates may qualify for certification in electronics, computers, or networks.	46,260 - 73,620
Computer Information Technology**	AAS, C	Employment in entry-level positions in systems maintenance, troubleshooting, support and training, business applications design and implementation, in organizations with opportunities for ongoing training and advancement.	46,480 - 78,060
Computer Programming*	AAS, C	Employment in business, industry, or government agencies as a computer programmer, programmer trainee, programmer/analyst, software developer, computer operator, systems technician, database specialist, computer specialist, software specialist, or information systems manager.	47,580 - 81,280
Construction Management Technology	AAS, C	Employment in the construction industry as a construction project manager, superintendent, foreman, or estimator.	34,253 - 53,257
Cosmetology	AAS	Employment in salons and spas performing professional imaging, hair design, chemical processes, skin care, nail care, multicultural practices, and product knowledge. Graduates should qualify to sit for the State Board of Cosmetic Arts examination.	24,060 - 47,909
Criminal Justice Technology	AAS	Work in the 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, classifying, and preservation of fingerprints.	34,410 - 56,360
Culinary Technology	AAS, C	Work as a trained professional in food service settings including restaurants, hotels, resorts, and catering companies. Entry-level positions with potential for advancement to sous-chef, executive chef, or food service manager. American Culinary Federation certification is available to graduates.	22,277 - 42,182
Database Management	AAS, C	Entry-level administrative, development, or data warehousing positions such as Database Analyst, Specialist, or Administrator, .NET Developer, or Web Application Developer by Implementing, supporting, and managing industry standard database systems to process, manage, and communicate information.	30,967 - 58,198
Dental Assisting	D	Graduates are classified as a DA II by the North Carolina State Board of Dental Examiners and are eligible to take radiographs and coronal polish. Graduates are eligible to take the Dental Assisting National Board Examination to become a Certified Dental Assistant (CDA). Employment opportunities include dental offices (generally and specialty practices), public health dental clinics, and dental school settings.	25,040 - 34,152
Dental Hygiene	AAS	Assess, plan, implement, and evaluate dental hygiene for individuals. Graduates may be eligible to take the state/regional and national examinations for licensure. Employment opportunities include dental offices, clinics, schools, public health agencies, industry, and professional education.	45,614 - 68,400
Developmental Disabilities	AAS, C	Work with children and adults who have physical, mental, and emotional disabilities; Work in group homes, foster care homes, vocational rehabilitation agencies, sheltered workshops, adult developmental activities programs, or early childhood intervention programs	27,840 - 45,140
Early Childhood Associate	AAS, D, C	Work with children from infancy through middle childhood in various learning environments, including child development and child care programs, preschools, public and private schools, recreational centers, Head Start programs, and programs for school-age children	20,301 - 32,594
Electrical/Electronics Technology	AAS, D, C	Employment in the electrical/electronics field assisting in the layout, installation, and maintenance of electrical/ electronic systems in residential, commercial, and industrial facilities.	33,363 - 52,146
Electronics Engineering Technology	AAS, C	Employment as an electronics engineering technician, field service technician, maintenance technician, electronic tester, or production control technician to design, build, install, test, troubleshoot, repair, or modify electronic components and systems	33,363 - 52,146
Emergency Medical Science	AAS	Work as a paramedic with knowledge and skills in basic and advanced life support. Students may be eligible for both state and national certification exams and may find employment with ambulance services, fire and rescue agencies, air medical services, hospitals, urgent care centers, and physician's offices	24,192 - 45,931
Environmental Science Technology	AAS	Employment in environmental testing/consulting and related industries including chemical analysis, biological analysis, water/wastewater treatment, EPA compliance inspection, or hazardous materials handling	34,152 - 64,786
General Occupational Technology	AAS	Advancement opportunities within specific fields of employment and qualification for entry-level positions; students upgrade skills and earn an associate's degree according to individual occupational interests and needs	19,080 - 31,910
Heavy Equipment and Transport Technology	AAS	Troubleshoot and repair medium- and heavy-duty vehicles (engines, electrical and hydraulic systems, transmissions, brakes, and steering/suspension) for entry-level employment in vehicle repair businesses	26,215 - 43,160
Heavy Equipment and Transport Technology: Agricultural Systems	AAS	Troubleshooting and repair of agricultural systems equipment (including farm tractors, planters, sprayers, and Harvesters) for entry-level employment in agricultural systems equipment repair businesses	23,808 - 38,450
Heavy Equipment and Transport Technology: Construction Equipment Systems	AAS, D, C	Troubleshooting and repair of construction equipment systems (including dozers, scrapers, loaders, and forklifts) for entry-level employment in construction equipment repair businesses	23,485 - 39,582
Hotel and Restaurant Management	AAS, C	Entry-level, supervisory and managerial positions in food and lodging, including front office, reservations, housekeeping, purchasing, dining room, and marketing. Employment in hotels, motels, resorts, inns, restaurants, institutions, 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, social services, rehabilitation, corrections, and education. A variety of program options for transfer to 4-year institutions.	20,255 - 33,694

Area of Study	Credentials offered	Prepares you for	Salary Median Range
Industrial Engineering Technology	AAS, C	Developing and improving integrated systems involving people, materials, equipment, and information. Employment in industrial engineering technology, quality assurance, supervision, team leadership, and facilities management. Certification is available.	42,450 - 65,020
Information Systems Security	AAS, C	Utilize networking technologies, intrusion detection, security administration, and industry best practices to protect data communications. Employment as security administrators and eligible to pursue security certification.	31,830 - 52,995
Landscape Architecture Technology	AAS, C	Employment as a landscape architecture technician in the fields of landscape design, construction, and architecture. Opportunities for advancement in large-scale site design, supervision, and in residential landscape design.	31,909 - 65,342
Machining Technology	C	The safe use of hand tools, power machinery, computerized equipment, and sophisticated precision inspection instruments. Employment opportunities in manufacturing industries, government agencies, and specialty machining job shops.	26,707 - 42,286
Mechanical Drafting Technology	AAS, D, C	Producing drawings of mechanical parts, components of mechanical systems, and mechanisms. Employment in mechanical areas such as 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 the manufacturing, fabrication, research and development, and service industries.	36,290 - 55,750
Medical Assisting	AAS, D	Performing administrative, clinical, and laboratory procedures associated with patient care. Graduates may be eligible for the American Association of Medical Assistants' Certification Examination. Employment in physicians' offices, health maintenance organizations, clinics, and hospitals.	21,181 - 36,403
Medical Laboratory Technology	AAS	Performing clinical laboratory procedures used in the diagnosis and treatment of disease. Graduates may be eligible for examination by the Board of Registry of Medical Technologists for certification. Employment in laboratories in hospitals, medical offices, industry, and research facilities.	32,834 - 45,914
Medical Office Administration*	AAS, C	Work as a transcription secretary, hospital unit secretary, records clerk, insurance form preparer, or patient accounting clerk; Employment with medical offices, HMOs, laboratories, or manufacturers and suppliers of medical equipment.	21,401 - 36,290
Networking Technology	AAS, C	Supporting local- and wide-area networks; Employment as local-area network manager, network operator, network analyst, and network technician. Graduates may be eligible to take certification examinations for various network products.	46,260 - 73,620
Nursing	AAS	Provide nursing care to patients in hospitals, long-term care facilities, clinics, physicians' offices, industry, and community agencies.	43,370 - 63,360
Office Systems Technology*	AAS, D, C	Administrative support able to respond to the demands of a dynamic, computerized workplace. Employment opportunities in business, government, and industry, range from entry-level to middle management.	28,500 - 43,430
Office Systems Technology/Legal	AAS, C	Positions in corporate legal departments; private legal practices such as real estate and estate planning; and city, state, and federal government offices.	31,040 - 49,950
Pharmacy Technology	D	Employment in health care and the pharmaceutical industry in hospitals, outpatient clinics, retail pharmacies, pharmaceutical wholesale companies, research laboratories, and pharmaceutical manufacturers.	19,502 - 32,889
Phlebotomy	C	Work in hospitals, clinics, laboratories, physicians' offices, and other health care settings obtaining blood and other specimens for the purpose of laboratory analysis; May be eligible for national certification as a phlebotomy technician.	22,342 - 30,740
Plumbing	D,C	Assisting with the installation and repair of plumbing systems in residential and small commercial buildings. Employment in part supply houses, maintenance companies, and plumbing contractors' offices.	26,095 - 42,393
Radiography	AAS	Employment as a health care professional who uses radiation to produce images of the human body in hospitals, clinics, physicians' offices, or medical laboratories. Graduates are eligible to take the American Registry of Radiologic Technologists' national exam for certification.	31,694 - 54,208
Simulation and Game Development	AAS, D, C	Employment as designers, artists, animators, programmers, database administrators, testers, quality assurance analysts, engineers and administrators in the entertainment industry, the health care industry, engineering, forensics, education, NASA and government agencies.	47,580 - 81,280
Substance Abuse	AAS, C	Employment as a substance abuse counselor, DUI counselor, halfway house worker, residential facility employee, and substance abuse education specialist. Graduates can become certified by the North Carolina Substance Abuse Board with educational and clinical experience.	33,086 - 47,911
Surgical Technology	D	Assisting in the care of surgical patients in the operating room and functioning as a member of the surgical team. Employment opportunities include labor and delivery/ emergency departments; inpatient/outpatient surgery centers, dialysis units, and physicians' offices.	28,560 - 40,750
Surveying Technology	AAS	Employment as a survey party chief, surveying technician, highway surveyor, mapper, GPS technician, and CAD operator. Graduates will be prepared to pursue requirements for becoming a Registered Land Surveyor in North Carolina.	33,902 - 47,417
Therapeutic Massage	D	Direct client care in providing manipulation, methodical pressure, and kneading of the body for maintaining wellness. Employment in hospitals, medical offices, nursing homes, spas, and private practices. Graduates may be eligible to take the National Certification for Therapeutic Massage and Bodywork.	20,342 - 49,546
Transfer Core Diploma (Arts)	AA Transfer Degree	The completion of course work equivalent to the general education core requirements for the bachelor's degree at a senior institution. Awarded upon successful completion of 44 hours.	N/A
Transfer Core Diploma (Science)	AS Transfer Degree	The completion of course work equivalent to the general education core requirements for the bachelor's degree at a senior institution. 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. Career opportunities include designers, administrators, or developers in web applications, websites, and related areas of distributed computing.	44,545 - 69,738
Welding Technology	D,C	Employment as an entry-level technician in welding and metalworking industries and in construction, manufacturing, fabrication, sales, and quality control.	31,904 - 45,897
* Alaa ayailahla anlina ** Ala	o available ac bybrid		

* 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.



hen presidential candidate

Senator Hillary Clinton wanted

to talk about "Solutions for the

American Economy," she headed

straight for Wake Tech. Her March

27 speech on Main Campus, which

drew more than a thousand people,

gave Wake Tech national recognition for the critical role it plays in the

economy. "This school and its spirit

really represent what's best about our country,"

Several times during her remarks, Senator Clinton praised Wake Tech for giving workers the skills they need to get jobs and keep up

Clinton said.

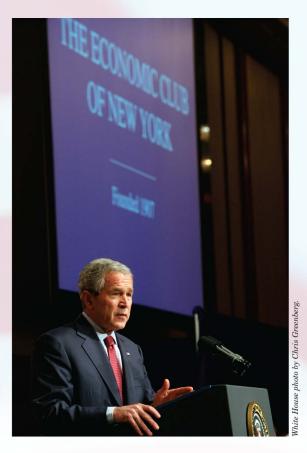
Bipartisan Support

with changing technologies. "This campus is a place that helps people who have struggled to find work in a changing economy," Clinton said. "I know that North Carolina has lost a lot of jobs. But I also know that you've worked hard to equip people with the skills needed to try to get new jobs."

President Bush is also praising North Carolina's community colleges. In a March 14 speech at

the Economic Club of New York, the president said, "I think, for example, of what happened to the textile industry in North Carolina... it created a wholesale displacement of workers. And what the state of North Carolina did was they wisely used their community college system to be able to fit needs and skills."

"This is truly exciting," said Wake Tech president Dr. Stephen Scott. "We've always known how important Wake Tech is to a strong economy, and now the rest of the nation knows as well." **CF**







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Register online today!

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Interested in a career in business, health care, culinary, construction or computers? We have a program for you!

Is your ultimate goal a bachelor's degree or higher? Take your first two years at Wake Tech and transfer to a four year institution!

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