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Fall '06	April 11, 2006	May 1, 2006
Spring '07	November 14, 2006	November 27, 2006
Summer '07	March 6, 2007	March 26, 2007
Fall '07	April, 2007	May, 2007

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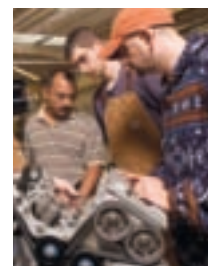
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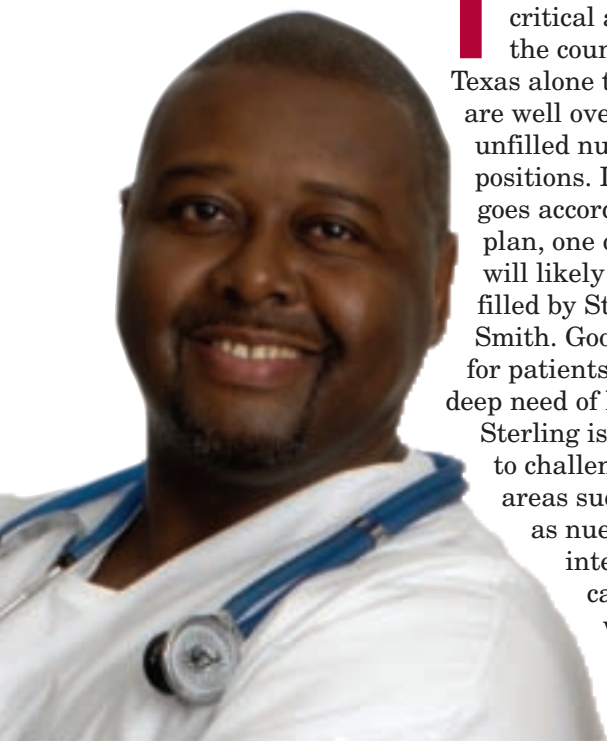
Billy Hendrix,
IT Professional

Meet Three Winners

Inside the Cover

By Susan Wright

Sterling Smith, Kingwood College



The nursing shortage is critical across the country. In Texas alone there are well over 7,000 unfilled nursing positions. If all goes according to plan, one of them will likely be filled by Sterling Smith. Good news for patients in deep need of help. Sterling is drawn to challenging areas such as neuro-intensive care where he's

seen inspiring improvements and has helped talk a suicidal patient through a difficult time. He says these experiences are the true rewards in nursing.

Sterling began his career as a Naval Hospital Corpsman, thriving on intensity even with 12-hour shifts. After leaving the service he explored other careers but was not happy. "I felt unfinished, like something was calling me back," he says. "Before I started my nursing prerequisites, I took on the challenge of emergency medical technician training and served as an EMT on the streets of New Orleans while attending nursing school."

Hurricane Katrina brought Sterling to Kingwood College. "They welcomed us with open arms," he recalls warmly. "And I have come to like Houston a lot and will probably be coming back to Kingwood College for continuing credits. In ten years, I'd like to be in neurological intensive care or psychiatric nursing." **CF**



Getting the Picture on the Cover: Kim Kolanowski of Kolanowski Studios, Inc., snaps Kingwood College nursing student Sterling Smith and Terra Goodman of Montgomery College's welding program: two good examples of how the five colleges of North Harris Montgomery Community College District can help realize your career dreams.

Terra Goodman, Montgomery College

"I've wanted to be a welder for a long time, but women aren't taken seriously in this field," states Terra Goodman, a success story coming out of Montgomery College's welding program, "My grandfather was a welder, and I loved to watch him work in his garage. I had my own little helmet."

Terra set aside her love for welding and became the owner of a cleaning service. "I was in a bad marriage, and when I finally found help at the Montgomery County Women's Center, they awarded me a scholarship and convinced me that a certificate program could get me past the barriers for women in welding. My instructor during my last year at Montgomery College was so good at explaining



in detail how impurities in the metal or too much heat, or working too fast could cause problems. And he would be right there with me until I got it right. He introduced me to an engineer from a large company who was taking the course for fun. I now have a job at that company. I'm sure I'll return to these colleges to learn more skills and I might get my boys involved in the youth program.

"Ten years from now I'll still be welding. I love it, even if it's hard being the only woman in the shop having to prove myself every day. I'm determined never again to be insecure about my future or my ability to care for myself, my kids and my horses. I want to show my kids how to be independent and strong." **CF**



Adrianna Hernandez (left) and Melissa Anderson (right) of Kingwood College's Cosmetology program styled Terra's hair to work with the welding helmet she wears. Adrianna came to the college to learn English and was attracted to cosmetology. She pictures her future in Acapulco running an elegant salon. Melissa is fascinated with how important knowledge in anatomy can be for cosmetologists. Her fantasy future would be runway styling, creating hairdos based on "pure imagination."

Which CAREER is you?

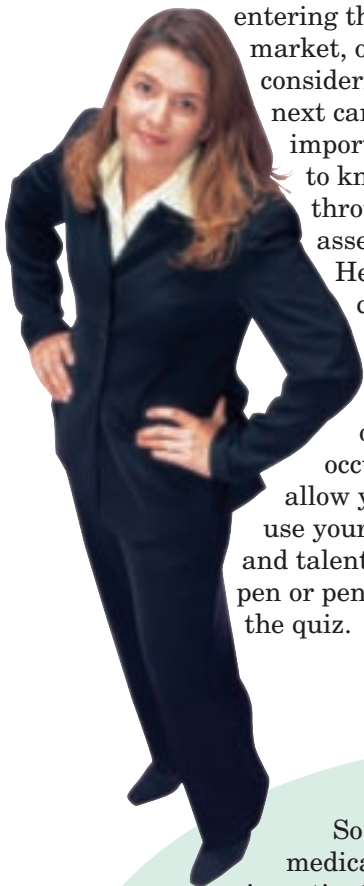
A simple self-assessment can help you start thinking about your options.

By Leslie Clark

Do you sometimes feel unsure about where your career plans are headed? If so, don't panic, because you are not alone. Many of us feel this way about our current jobs or job planning, and don't realize that there are ways to turn things around. A Gallup Poll indicated that over 50 percent of Americans are dissatisfied with their jobs. In another Gallup survey, two-thirds of a group of adults said if they were starting all over, they would try to get more information about their career options.

The first step: Self-assessment

Whether you're starting your first job, planning your career, re-entering the job market, or considering your next career, it's important to get to know yourself through self-assessment. Here's your chance to take the first step in finding out which occupations allow you to best use your strengths and talents. Pick up a pen or pencil and take the quiz.



Something to think about

So, do you need to run off and apply for medical school just because you scored high in the investigative section? Of course not. Quizzes like these are not designed to tell you exactly which job is right for you, but rather to get you thinking about your preferences. You should also look to see if you scored high in more than one section. There are many combinations and possibilities out there.

This is only one of many career assessment tools available through bookstores, the Web, and North Harris Montgomery Community College District. To get a full understanding of how to best plan the perfect career for you, make an appointment with a Career Counselor at the college nearest you. (See ad on inside front cover of Career Focus.) **CF**

Directions: Check off the items you think you would enjoy in each section. Mark all items that apply.

"R" Section

- ☐ Repair a car
- ☐ Do wood working
- ☐ Refinish furniture
- ☐ Explore a forest
- ☐ Arrest lawbreakers
- ☐ Plant a garden
- ☐ Build furniture
- ☐ Run a race
- ☐ Drive a truck

"I" Section

- ☐ Study causes of disease
- ☐ Do a science project
- ☐ Study human anatomy
- ☐ Study insects
- ☐ Research solutions to environmental problems
- ☐ Collect minerals and rocks
- ☐ Study the solar system
- ☐ Do math problems
- ☐ Talk to a scientist
- ☐ Study plants

"A" Section

- ☐ Sing before the public
- ☐ Design clothing
- ☐ Decorate a home or office
- ☐ Direct a play
- ☐ Write a story or play
- ☐ Design a poster
- ☐ Create a sculpture
- ☐ Arrange flowers
- ☐ Make videos
- ☐ Act in a performance

"S" Section

- ☐ Teach children
- ☐ Care for a sick person
- ☐ Teach a friend
- ☐ Interview clients
- ☐ Help a person overcome difficulties
- ☐ Be a hospital volunteer
- ☐ Help a charity
- ☐ Make people laugh
- ☐ Baby-sit

"E" Section

- ☐ Sell cars
- ☐ Make a speech
- ☐ Be the boss of other workers
- ☐ Start a club
- ☐ Save money
- ☐ Sell things
- ☐ Lead a meeting
- ☐ Take charge of a project
- ☐ Sell magazines door to door

"C" Section

- ☐ Keep detailed records
- ☐ Operate business machines
- ☐ Organize a work area
- ☐ Take telephone messages
- ☐ Attend to details
- ☐ Balance a budget
- ☐ Use a word processor
- ☐ Proofread a document
- ☐ Create a filing system

Now, go back to the sections. Add up how many boxes you checked in each section and fill in the totals for each in the space provided below.

Totals:

R _____
I _____
A _____
S _____
E _____
C _____

What the letters mean

Each of these letters represents a personal interest category. The columns you have the most check marks in show where your interests are the strongest. Listed below are some jobs related to each interest type.

R **Realistic Careers:** Mechanic, firefighter, police officer, forester, chef, carpenter, landscape architect, military, athletic trainer, engineer.

I **Investigative Careers:** Biologist, psychologist, computer programmer, doctor, engineer, pharmacist, mathematician, dietician.

A **Artistic Careers:** Artist, musician, novelist, photographer, lawyer, interior designer, television announcer, actor, disc jockey, art teacher, reporter, architect.

S **Social Careers:** Social worker, counselor, teacher, nurse, minister, school administrator, occupational therapist.

E **Enterprising Careers:** Business owner, manager, sales person, travel agent, public relations, personnel director, realtor, florist.

C **Conventional Careers:** Accountant, secretary, banker, bookkeeper, math teacher, treasurer, surgical technologist, dental assistant.

Taken from *The Career Interest Program* Prentice-Hall, Inc. © 2001



By Greg Alexander and Sunny Cooke

Decades ago, few people could have imagined how instrumental the computer would become in everyday lives

Whether working, shopping online or keeping in touch with friends and family via e-mail, computers are everywhere. As their importance continues to grow, so does the need for people with computer skills – regardless of the field or job sector. Computer careers such as graphic design, programming, software engineering, Web design and others have enjoyed a surge in demand unparalleled in the workforce. But with the economic changes and the outsourcing of jobs overseas, are computer careers still a sure thing?

Computer jobs top the charts of growth careers

The news is good

According to several reports by the Bureau of Labor Statistics (BLS), college students and career changers are still wise to consider a job in computers. According to a November 2005 report, the professional-level IT workforce will grow at more than twice the rate of the

overall workforce from 2004-2014, creating one in 19 new jobs. Furthermore, six of the 30 occupations that are projected to grow the fastest are in the IT profession.

Rice University computer scientist, Moshe Vardi, co-authored a report for the Association for Computing Machinery which showed there were 17 percent more IT jobs in the United States at the end of 2004 than there were in 1999. While in 2003-2004 there were concerns about offshoring, there was also steady growth in IT jobs. The offshoring concern was somewhat diminished by the fact that many of the offshored jobs were call center jobs while the majority of higher-level IT positions stayed within the US. "IT jobs are definitely on the rise again,"

says Quincie Rivers, area vice president for Adecco, the largest company in the field of human resources and staffing services and one of the biggest employers in the world. Rivers says that IT job opportunities abound in all areas – everything from entry-level help desk jobs to project managers and software engineers.

While many IT occupations are enjoying job growth, several really stand out. According to the BLS Occupational Outlook Quarterly Report, jobs for computer applications software engineers are expected to grow 48 percent from 2004-2014; computer systems software engineers will grow 43 percent; and network and computer systems administrators will increase 38 percent. Other jobs, such as computer hardware

It Pays To Be Well-rounded

While an associate's or bachelor's degree will aid in your efforts to land an IT job, experts

say it takes more than just a degree in this competitive field.

Carolyn Poe, Montgomery College professor of Computer Information Technology and Department Chair, encourages students to consider doing an internship in the industry

as part of their training. "Many of our interns end up getting job offers before they graduate," she adds.

Employers say they are looking for IT people who are not strictly technology-focused. Adam Saynuk, marketing director and art director

at RiskMetrics Group in New York, a global financial software company, says, "I am always looking for IT individuals who have situational awareness, the knowledge of what's going on around you in the company."

Gary Clark, Dean of Business, Behavioral and Social Sciences at North Harris College says, "Students tend to put too much emphasis on their specific degree requirements at the cost of missing out on the many opportunities our colleges offer

engineers, are expected to have “average” employment growth due to intense foreign competition.

Computer software engineers

One reason computer software engineers are in such high demand is their versatility, notes Dr. William Fitzgibbon, Dean of the College of Technology at University of Houston. “They know about software as well as hardware. Because of the complexities of designing new computer hardware, most companies use standard, off-the-shelf-devices, and then program them to fit their unique needs, whether it is for control of some process or some other application.” Virtually every company, large or small, uses computers for office and often industrial work. They need computer engineering technologists to purchase, install, program, test, and maintain these computers and their networks. In addition, the increase in mobile technology, e-business and need for information security will also fuel the demand for software engineers. Most computer engineering technologists are employed either before or shortly after graduation and starting salaries run from \$45,000-\$60,000 reports Dr. Fitzgibbon.

“Those who work in IT should expect some long hours and stress,” says Beth Gunn, manager of IT application development for a telecommunications company in Overland Park, Kan. “Honestly, there is stress that comes with a fast-paced IT job, and long hours are also common. In addition, everyone in the IT industry is trying to feel his or her way with the outsourcing and offshoring of development work,” says Gunn, who adds that she enjoys the fast pace of her job.

“Every day you come into work and know that you won’t be bored; I learn something new every day.” She adds, “When an opportunity came up in IT to manage an application development group, I jumped at the chance. Truly, this has been the most fun I have ever had in a job. I have found that IT is my true calling.”

Network systems administrators

The highest demand currently is for persons with computer network security knowledge. As companies continue to invest heavily in computer networks and in security, the need for systems administrators also grows. Dennis Adams, Chair of Decision and Information Sciences in the Bauer College of Business at the University of Houston, told KUHF, Houston Public Radio that information systems graduates have their pick of jobs in today’s market. He reports that nearly 100 percent of their graduates have jobs and many choose among multiple offers. “It’s a great time to be an information systems (IS) major”, he reports. The BLS reports median salaries for network administrators at \$59,930.

Those who land a job as a network systems administrator will also find the work challenging and rewarding, says Sebastian Perlowski, a network administrator for IT Easy, a network consulting firm in the greater Chicago area. “Every day is a new challenge. We have some ongoing clients, but most are new clients, so there are different needs to tackle each day,” says Perlowski, who graduated with a psychology degree from Michigan State University and then obtained computer skills at Devry University. “Everyone needs a computer, so I knew it was a good field to go into.”

in business, management and foreign languages just to name a few.”

Gunn agrees. “I am so happy that I have so much business education. Many people in the IT field are so focused on IT courses that they miss out on many

important business principles that will get you very far in your career. I would recommend taking as many business-related classes as possible.”

Of course, faculty, students and employers, alike, emphasize the

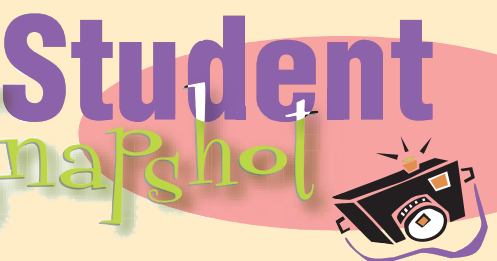
Billy Hendrix

Computer Technology Program

Billy Hendrix, a North Harris College computer technology graduate, is currently employed at Klein Independent School District. He is a network administrator for services and support, responsible for managing the student information system hardware which consists of servers, web farm appliances, and network switches.

Hendrix credits the college for helping him realize that he could do anything he put his mind to. He attributes his ability to solve IT problems to the practice he got from his coursework. “My computer courses were extremely challenging, and the professor always tried to simulate the real world difficulty of IT problem solving. I learned a lot from this experience.”

“My advice to anyone interested in the Information Technology field is to start from the beginning and really know your basics first. Then build advanced concepts on that solid foundation. The biggest challenge in IT is keeping up with the constant changes.” Hendrix plans to continue his education through Microsoft and other technology certification programs. **CF**



Computer support specialists

While many jobs in IT require a bachelor’s degree, those with an associate’s degree can still land jobs in the hottest professions. According to the BLS, 119,000 jobs for computer support specialists will be added from 2004-14. Anyone who has worked in an office has inevitably called the help desk with computer problems and is familiar with the computer support specialist, who provides technical assistance, support and advice. Due to the different areas where problems may occur – network, software, hardware, operating systems and Internet – computer support specialists must be prepared for just about anything. In the PC Support Specialist program at the North Harris Montgomery Community College District (NHMCCD) in suburban North Houston, students study the various Windows

“This has been the most fun I have ever had in a job. I have found that IT is my true calling.”

Operating Systems: Unix/Linux Operating Systems, Oracle Database Management, Novell Network Administration, Cisco Internetworking and Internet security.

According to Fellicia Moore-Davis, Dean of Business, Math and Computer Technology at Cy-Fair College, recent NHMCCD graduates have obtained jobs at medical facilities, computer service companies, retail and educational facilities as well as temporary/contract service companies. Computer support specialists can be found in about every type of company, and opportunities also abound in the various branches of the U.S. military. **CF**

importance of keeping up with the ever changing technology itself. **CF**

What's Standing between *You* and a *Better Future*?

You want a bigger pay check—a more interesting job—a business of your own. There is no shortage of discouraging barriers in the multi-tasking life of many adults: finances, family obligations, fear of failure, fatigue. So what's stopping you from getting the credentials and skills you need?

The North Harris Montgomery Community College District (NHMCCD) recently met with groups of adults ranging from 25 to over 50 to discuss careers, education and the challenges people face in returning to school. Our colleges have excellent student services professionals available to help overcome challenges. We asked a few of them to comment on five concerns that too often become barriers.



Dr. Earl Campa, vice president of Student Success at Cy-Fair College

Q: “How do I know what I’m good at? I keep thinking about college, but then I miss the enrollment deadlines.”

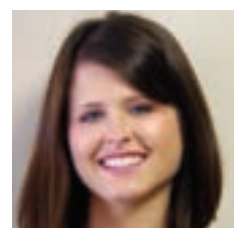
A: Dr. Earl Campa, vice president of Student Success at Cy-Fair College commented, “Lots of adults feel conflicted about returning to the educational setting. Procrastination is a common way to deal with that. Why not try a different approach? Forget about deadlines. Get started by wandering into the library at any of our five colleges. Spend a few hours browsing. You’ll find online resources, career materials, books and publications that might get your attention.”

“Make an appointment with the college career center to get some counseling on how to match your skills and interests with opportunities in the job market.”

“Our colleges have valuable assessment tools including the respected Myers Briggs Type Indicator to guide you. Then work with an academic adviser before enrollment starts for help choosing courses. You can enjoy registering early with the best selection of courses and without the pressure of trying to make big decisions on a tight deadline.”

Q: “How do I fit in with a class with 18 and 20-year olds? I just can’t see myself there.”

A: Kingwood College adviser Cathy Theiss identified this as a common misperception. “About a third of the students in our credit programs are older than 25. Two percent are 50-plus. Age diversity is a bonus on campus because of the different perspectives represented. Older students bring life experience and workplace training to their learning. Our classes are small and so you can have personal interaction with dedicated professors. Older students have proven themselves to be quite successful using these advantages to overcome potential barriers.”



Cathy Theiss, Kingwood College

Q: “Jobs aren’t automatic just because you have a certificate or degree. How can I make sure I’m on the right track?”

A: Sarah David, career counselor at Tomball College responded, “We

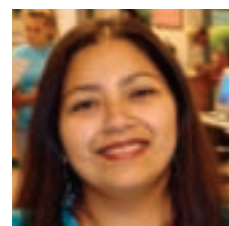
monitor the job market and tune our programs to employer needs. In fact, our state performance standards include a requirement that 90 percent of our graduates must be employed. We help you become knowledgeable about pay scales and support you as you build your resume and develop job search skills. You should know that NHMCCD colleges have a lot of credibility with employers. Graduates from our high demand programs frequently have several competing job offers to choose from.”



Sarah David, Tomball College

Q: “How can I fit college into my life? I’m so busy and I was never a great student anyway.”

A: Montgomery College adviser Susanna Zavala replied, “Because our colleges are open enrollment institutions, we’re good at meeting people where they are with their educational abilities and needs. We help them build from that point. We have people with advanced degrees wanting a career change. Others are seeking a GED. Our pre-college courses are available along with ESL to make sure everyone in class is ready for college work. Taking courses online is very convenient and offers interesting ways to interact and learn. Parents should explore the childcare facilities at our campuses. There is a lot of free support available including free tutoring services, study groups, writing labs and math labs. What’s important is to start something. Take that first step.”



Susanna Zavala, Montgomery College

“Lots of adults feel conflicted about returning to the educational setting.”

Q: “College costs too much. How can I ever afford it?”

A: Carolyn Wade, financial aid adviser at Kingwood College stated, “If you live in our service area and take a full course load of 12 semester credit hours, you will pay tuition of \$36 per credit hour. Also a \$6 per credit hour technology and \$2 per credit hour student activity fee. With your \$12 registration fee, your total for the semester will be \$540. Texans living outside the NHMCCD service area would pay \$1,020. International and out-of-state students would pay \$1,200.”



Carolyn Wade, Kingwood College

“Other expenses you could incur might be fees for various tests, special requirements for liability insurance, uniforms and supplies in certain programs. You should be sure to plan for the textbooks you need and inquire about purchasing used books to save some money.”

“National studies reveal many students who qualify for financial aid don’t apply. You should explore grants and scholarships as well as loans. You can start at nhmccd.edu. Go to the Students section and click on Financial Aid. Or contact the Financial Aid office of any college to find out what kind of documents you will need and what steps are involved.” **CF**

While you might spend hours preparing your resume, an employer will probably spend less than a minute reviewing it.

By Amy Houts and Laura Lyjak

If you want to make a good impression your resume has to pack a punch. Smart resume writers know that they have to put the most important information right up front. They also know how to make effective use of fonts and white space, and they are careful to choose language that is clear and direct.

Increase impact

That's some of the good advice from Cindy Kenkel, an instructor in the Marketing and Management department at Northwest Missouri State University and the author of *Extreme Resume Makeover: The Ultimate Guide to Renovating Your Resume*. Kenkel has helped thousands of students rewrite their resumes using these guidelines.

Take a look at how Emma Detson improved her resume using these principles. Emma is a recent college graduate looking for a job in retail. Her first resume stated a generic objective, skimmed the surface of her experience and came in at a lowly 175 words. Her changes not only resulted in a better resume, they resulted in a job offer that Emma was only too happy to accept.

On Paper or Online?

Many employers require online applications with specific software. Be sure to understand each employer's requirements and processes. Your paper resume is always appropriate to carry into an interview.

Revamp Your Resume

A few key changes can make a **big difference**

Get specific

"Gone are the days when you printed 50 identical resumes with a general objective," says Kenkel. Emma originally wrote an all-purpose objective stating her goal was "To obtain a position in merchandising." But employers want to know what position you're seeking. They want to know that you want to work for them. So, show that you have done your research and target your resume to the employer's needs.

A targeted objective is clear and direct. Emma's revised objective is, "To obtain a position in merchandising with Lane Bryant." She names the employer and she shows she's willing to start as a sales associate and work up to a managerial position.

Emphasize your strengths

You increase the visual impact of your resume by using major headings such as Objective, Education, Work Experience, Activities, and Scholarships to group your skills and experiences. Although Emma used these categories in her first resume, she gave them new emphasis in her revision. Work Experience is usually the largest category and Emma lists her job titles in reverse chronological order, beginning with the most recent.



Choose your words carefully

When it's time to add the details to each section of your resume, use powerful action verbs and specific information. In her revised resume, action verbs like "sold," "wrote" and "researched" make it clear what Emma's skills are, and they replace mushy words like "assisted" or "provided" in her original resume. These action verbs, combined with details, such as "create window displays" or "teach skin care" make a strong impression.

Don't overlook the impact of keywords either. These are nouns or phrases that are specific to certain jobs or industries, and they help employers gauge an applicant's skills. In Emma's case, terms like retail inventory, event planner, customer service, merchandising and window displays, clue employers that she's qualified for work in merchandising and marketing. Keywords are often listed in job position announcements and job descriptions.

Show what you know

Be sure that you include transferable skills in your resume, too. These are skills that matter, no matter what the job. They "transfer" from one job to the next. Examples are teamwork, communication, leadership, time management and work ethic. If you manage your time well at one job, you will manage your time well at another job. Emma's resume mentions "teaching" and "recruiting" as skills she can use at Lane Bryant, or any other business.

Finally, "End each job description with an accomplishment," says Kenkel. For example, under Sales Associate, Emma demonstrates

she is a capable and competent employee by stating, "Consistently helped store achieve daily sales goals..." Other examples of accomplishment are: "Never missed a day of work," or "Demonstrated initiative by taking on management responsibilities."

Remember, your resume might be your one and only opportunity to make a good impression with an employer. You wouldn't think of going to a job interview without putting on your best suit and your brightest smile, right? Same with your resume. After all, it's your calling card; it's your foot in the door – and the better it looks, the better you look. **CF**

BEFORE	
EMMA M. DETSON 517 West 16th, Kansas City, MO 64568 641-582-2761 emma@classicnet.com	
OBJECTIVE	To obtain a position in merchandising
EDUCATION	B.S. Merchandising of Textiles, Apparel, and Furnishings May 2006 Maple Woods Community College, Kansas City, MO GPA 3.73/4.0
WORK EXPERIENCE	Independent Beauty Consultant Mary Kay - Dallas, TX February 2005-Present • Teach skin care • Sell cosmetics • Recruit new consultants Summer Intern

AFTER	
EMMA M. DETSON 517 West 16th Street, Kansas City, MO 64568 641-582-2761 emma@classicnet.com	
OBJECTIVE	To obtain a position in merchandising with Lane Bryant
EDUCATION	Bachelor of Science in Merchandising of Textiles, Apparel, and Furnishings May 2006 Minor: General Business GPA 3.73/4.0 Maple Woods Community College, Kansas City, Missouri • Computer Skills: Microsoft Office User Specialist (MOUS) Certified in Word, Excel, and PowerPoint • 100% of educational expenses self-funded through scholarships, grants, and employment • Awarded Kappa Omicron Nu Undergraduate Research Paper Award for group undergraduate research project • Academic Honor Roll (all semesters)
WORK EXPERIENCE	Independent Beauty Consultant , Mary Kay – Kansas City, Missouri February 2005-Present Teach skin care and use of cosmetics. Organize and sell retail inventory of approximately \$6,000 a year. Provide exceptional service to a growing customer base of 45. Recruit and assist in training of new



What's New For You at **NHMCCD** Colleges?

By John Luedemann

Do you like working with people?

Check out some of the new programs and maybe you'll find one that's right up your alley. A hospitality management degree is a great way to begin or enhance your career in the service industry. Or explore continuing education programs that offer training as a home health aide or professional mediator.

Hospitality Management

North Harris College offers a new two-year degree designed to train management and supervisors to meet the growing demand across Houston. If you'd like to work with people in a challenging and fast-paced environment there are a wide variety of opportunities available in the hospitality industry, such as hotels, restaurants, resorts, spas, food service, convention planning, assisted living and retirement communities.

In addition to the introductory courses in hospitality, you'll

study sales and promotion, legal issues, purchasing, management and leadership, and experience an internship in the industry. Traditional business courses in ethics, accounting, project management and human resource management are also a part of the program.

Mediation

The new mediation coursework through continuing education at Cy-Fair College will train you in alternative dispute resolution. It is perfect if you're employed in human resources, social work, law or education or if you want to volunteer your time as mediator.

The training requires 40 contact hours and covers topics including neighborhood issues, family issues, workplace disputes, management and staff issues, and consumer complaints.

Home Health Aide

Home health care is expected to be the fastest growing profession over the next five years. As a home health aide you will help elderly, convalescent

or disabled persons living in their own homes rather than at a health care facility. Under the direction of nursing or medical staff, you will provide health-related services such as administering oral medications, checking temperature, pulse and respiration rates.

You can choose Kingwood or North Harris College for your program. After completion you'll be prepared for a career as a home health aide and can find job placement through an agency or as an independent caregiver.

Do your friends call you when their computer crashes or when they buy a new stereo?

If so, you might consider making a career out of integrated technology. Or, if you enjoy being creative and working with computers, gaming design and simulation or geographic information systems may be a better fit.

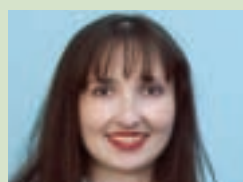
Integrated Technology

The new integrated technology certificate or associate degree from North Harris College will prepare you for a career in a variety of computer related fields. As you progress through the program you'll have an opportunity to earn multiple industry certifications that are highly valued by employers and can directly improve your income. Completion of the certificate qualifies you for a career in convergence technology, network security, database management or a number of other specialized careers. And the associate degree is an excellent path to a management position.

Specialized instruction in home technology integration (HTI) is also being added through continuing education at Montgomery College. HTI focuses on the expanding capabilities of broadband technology to create advanced networks that enhance the entertainment, security and maintenance features within a home.

Where the Jobs Are

Diana Pino, dean of student services at Cy Fair College, says the value of an associate's degree is sometimes overlooked by high school graduates who aren't yet focused on a career and also by students planning for a bachelor's degree. "Census reports indicate that, on average, people with associate degrees earn 26 percent more than those



*Diana Pino,
Dean of Student Services
Cy-Fair College*

with a high school diploma." She notes, "Even if your sights are set on a bachelor's degree, be aware that an associate's degree can help

you win scholarships and make you more competitive even in the part-time job market."

At www.dol.gov, you can see the Department of Labor's rankings of occupations based on pay, growth rate and available positions. Explore the Top 10 occupations for associate degrees.

Top 10

- 1) Registered nurses
- 2) Nursing aides, orderlies and attendants
- 3) Licensed practical and Licensed Vocational Nurses
- 4) Automotive service technicians and mechanics



Gaming Design and Simulation

The explosion of the video game industry in recent years has created a high demand for those qualified in the design and development of games. With more than \$10 billion in sales annually, the video game industry makes more money than Hollywood movies and has become one of the hottest job markets in Texas. There are six gaming companies in Houston and a chapter of the International Game Developers Association, so students choosing gaming as a field of study will be joining a fast growing field.

Students entering the program can choose between a certificate from Kingwood or Tomball College or an associate degree available from Kingwood College. The design requires a background in art and graphic design while development of video games demands skilled programmers. If you are opting for an associate degree, select a track focusing on either specialty. Required courses for both the certificate and degree include computer programming, animation and mathematics.

Geographic Information Systems (GIS)

Geographic Information Systems is a great program for anyone who wants a wide range of career opportunities. It is one of the fastest growing fields and

quickly becoming an integral part of education, business and government. GIS offers a range of career opportunities for you if you are skilled in data collection, analysis, mapping and presentations.

Cy-Fair and North Harris Colleges offer two certificates and an associate degree in GIS. Courses include mathematics, geography and computer applications. The certificate programs will qualify you as either a GIS technician or analyst while the degree prepares you for a position overseeing complete GIS projects

Are you detail oriented with strong planning skills?

The evolving construction and building maintenance industries offer new training options for you. Continuing education training in surveying and mapping technology as well as a new associate degree in facilities management will provide you with in-demand skills and flexible career options.

Surveying and Mapping Technology

Surveyors work with engineers, architects and builders to produce precise surveys and maps and are licensed professionals. Your duties can include legal research

of boundaries deeds and other records, working with engineers and architects, and using computer-aided drafting and design to create maps.

The new continuing education program at Montgomery College will introduce you to the basics of surveying and provide training in computer aided drafting.

Facility Management

Facility managers are trained to perform a broad range of tasks in virtually every sector of the economy. Duties can include the oversight of technology, indoor air quality, sustainable interior materials selections, safety and security as well as problem solving and strategic planning in the design and maintenance of buildings.

The facility management associate degree program at Kingwood College gives you training in interior design, management, computer skills and project management. The program also features partnerships with area businesses to provide hands-on experience.

Do you enjoy building things and working with your hands?

These new continuing education programs at NHMCCD are designed to meet the area's growing demand for mechanics and machinists.

Automotive Training

If your car has ever broken down you know the importance of quality automotive repair. The knowledge and ability to diagnose a problem quickly and accurately requires good reasoning and a thorough understanding of automobiles.

The work of automotive repair technicians and mechanics has evolved as integrated electronic systems and complex computers become the standard in most vehicles. The ability to work with electronic diagnostic equipment and computer-based technical reference materials is vital to success in the industry.

The automotive training classes at Montgomery College are the newest addition to our automotive technology lineup. For more in-depth training, North Harris College offers three certificates and an associate degree in automotive technology, body and chassis repair, and tune-up and drivability specialization.

Machining

The machinist program at Cy-Fair, North Harris and Montgomery Colleges will train you to use machine tools, such as lathes, milling machines and machining centers, to produce precision metal parts, including one-of-a-kind items. You'll learn the working properties of metals and the capabilities of machine tools to make products that meet precise specifications. A career as a machinist also requires careful planning and preparation and the ability to review and understand blueprints or specifications

The machinist certificate, available through continuing education or credit courses, includes training on machining equipment and safety, reading and sketching blueprints, and the use of precision tools and measuring devices critical to the field. **CF**

- 5) Preschool teachers (except special education)
- 6) Computer support specialists
- 7) Hairdressers, hairstylists and cosmetologists
- 8) Real estate sales agents
- 9) Bus and truck mechanics and diesel engine specialists

- 10) Fitness trainers and aerobics instructors **CF**



Hey, don't just sit there daydreaming about the life you want. You can make it happen now.

Whether you were born knowing your life's work or you're just now sorting it out, NHMCCD can get you moving in the right direction. Whether you just graduated from high school, or you're mulling over your next career move, NHMCCD programs can fire up your enthusiasm for learning.

You can choose part-time or full-time, day or evening, continuing education or credit classes. Our programs are designed to fit your life.

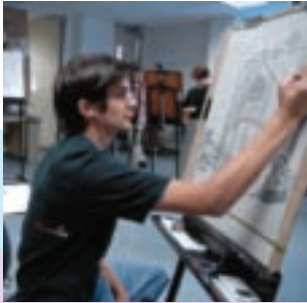
You can start small with a certificate then add more classes for an associate's degree. Or of course you can always jump right in and aim for a bachelor's degree and transfer to a four year institution.

What's holding you up? This A-Z program listing covers it all from accounting to yoga and everything in-between. Just pick your program and get online and apply. Our staff can help you with the details of financial aid, course schedules and even childcare. Bet you're all out of excuses now. Get a move on – start something! **CF**



North Harris Montgomery Community College District A-Z

What follows is an alphabetical listing of programs and areas of study offered by North Harris Montgomery Community College District. Call 832.813.6838 for more information or visit NHMCCD on the Web at www.nhmccd.edu/goto/careers.

Area of Study	Program	College	Prepares You For	Salary Range
ART AND COMMUNICATION				
Art	A variety of courses offered in computer arts, photography, fine arts and performing arts.	C, K, M, N, T	Next level: Associate of Arts and transfer to four-year institution	 N/A
Communication	A variety of oral and written communication courses available including technical writing, speech and business communication.	C, K, M, N, T		
Drama	A variety of courses offered in performing theatre, lighting and sound, costume, acting, stagecraft and history of the drama. These courses can serve as the foundation to a four-year degree.	C, K, M, N, T	Next level: Associate of Arts and transfer to four-year institution	
English	NHMCCD offers a variety of English courses including composition and rhetoric, creative writing, technical communications, literature and English as a Second Language.	C, K, M, N, T & DL	Next level: Associate of Arts and transfer to four-year institution	
Floral Care and Design	Continuing Education Cert.	T	Employment in a floral business with proficiency in floral care and design. The Texas Master Florist is also recognized and accepted in other states requiring licensing. Floral care and arranging skills together with business skills provided in this training program could also prepare an individual to start a new business.	Floral Designer \$24,000-40,000*
Graphic Arts	(See Visual Communication)	C, K, M, N, T		 N/A
Interior Design	Credit Certificate Associate of Applied Science	K	Employment as a home decorator or interior designer. Work for an existing business or start your own business.	
Languages	A variety of courses in languages such as French, Spanish, German, Italian, Chinese, Japanese, Arabic, and others are available.	C, K, M, N, T		
Photography	Continuing Education Cert.	K	Working with small and medium format cameras and processing images with both darkroom and computer based processes.	\$26,610

Area of Study	Program	College	Prepares You For	Salary Range
BUSINESS MANAGEMENT, LEADERSHIP, MARKETING				
Accounting	Continuing Education Cert. Credit Certificate Associate of Applied Science	C, K, M, N, T	Job with duties assigned to a beginning accountant or bookkeeper such as verifying additions, checking audits, postings, and vouchers; analyzing accounts; and preparing financial statements. Next level: Transfer to four-year institution	With Certificate \$22,000* With AAS \$30,000*
Business	Continuing Education Cert. in Entrepreneurship Credit Certificates in General Business, Human Resource Management and Marketing	C, K, M, N, T & DL	Entry level employment in business, sales marketing, or the ability to start your own business. Next level: AA or transfer to four-year institution	Sales Assistant \$25,676* Sales Representative \$35,000*
Business Communication	Continuing Education Cert. Credit Courses	C, K, M, N, T	More effective oral and written communication in the workplace. Next level: Business or Management Certificate	N/A
Entrepreneurship	Continuing Education Cert.	T	Starting or running your own business. Next Level: AAS in management	Varies
Facility Management	Credit Certificate Associate of Applied Science	K	Jobs where you will manage corporate and real property assets specifically in the design, operation, and maintenance of the built environment and building systems. Next Level: Transfer to a four-year institution	\$41,540
Hospitality Management	Associate of Applied Science	N	Jobs as a first line supervisor in the hotel or restaurant industry. Next level: Transfer to a four-year institution	Restaurant First Line Supervisor \$25,730 Food Service Managers \$40,600 Lodging Managers \$39,100
Insurance Adjuster	Continuing Education Cert.	M	Employment as an insurance adjuster. Class prepares you for Insurance Adjuster – All Lines exam through the Texas Department of Insurance.	\$35,000
International Business	Certificate in International Business	C, K, N, T	Entry-level management positions in a global business environment. Managers that are well versed in international business may be employed with a variety of companies doing business with international companies, transportation companies and multi-national companies.	\$30,000-40,000*
Legal Office Technology	Credit Certificates Associate of Applied Science	K & DL	Employment in a legal office setting as an office receptionist, legal secretary, or legal administrative assistant.	Legal Secretary: \$37,390
Logistics Management	Credit Certificate Associate of Applied Science	C, K	Employment as a first line logistics leader or a supervisor/manager of transportation, storage, and/or distribution centers; helpers, laborers, and/or hand material movers; and transportation/machine and vehicle material movers. Next level: Transfer to a four-year degree	Logistician \$59,467 Transportation, Distribution and Storage Managers \$67,300
Management	Associate of Applied Science	C, K, M, N, T & DL	Job opportunities in entry-level management positions, first-line supervisors, entrepreneurs, management trainee, transportation manager, real estate property manager, or retail store manager. Next level: Transfer to a four-year institution	\$30,000*
Medical Office Technology	Continuing Education Cert. Credit Certificates Associate of Applied Science	K, M, N, T & DL	Employment in a medical office setting as an office receptionist, administrative assistant or office specialist.	Medical Secretary \$25,000*
Office Administration	Continuing Education Cert. Credit Certificate Associate of Applied Science	DL	Entry level positions as an administrative assistant or professional secretary in a variety of businesses and offices.	\$30,200*
Professional Office Technology	Continuing Education Cert. Credit Certificate	C, K, M, N, T	Positions in professional offices including skills in time management, human relations, filing procedures, telephone techniques, inventory management, and oral and written business communication. Specializations in bilingual, legal or medical office settings are available. Next level: AAS	Administrative Assistant I \$26,743*
Project Management	Continuing Education Cert.	K	Managing all aspects of a project including time, resources and finances. Next level: Certificate in Management	N/A
Real Estate (Sales License)	Continuing Education Cert.	K, M, N, T	The Texas Real Estate Commission Exam (TREC) and employment as an entrepreneur or with a real estate firm.	\$36,950
Real Estate Inspection and Professional Inspection	Continuing Education Certs.	M, T	The Texas Real Estate Commission Exam (TREC) and employment as a real estate inspector or professional real estate inspector assessing the integrity, safety and value of property. You can be an entrepreneur or work for an inspection company.	Real Estate Inspector \$43,940* Professional Real Estate Inspector \$54,925*
North Harris Montgomery Community College District				CAREERFOCUS — 11

Area of Study	Program	College	Prepares You For	Salary Range
Small Business Management	Certificate in Small Business Management	C, K, M, N, T & DL	Applying the specific business principles required to manage a small business including accounting, business law, marketing, financing and management. Next level: AAS in management	\$47,788*

COMPUTER TECHNOLOGY

Computer Applications	Continuing Education Cert. Credit Certificates Associate of Applied Science		C, K, M, N, T & DL	Entering job market as a PC support specialist, e-commerce application specialist, internet developer, computer aided design operator or database administrator.	Word processing Operator \$20,714* E business developer \$20,714* CAD \$31,000*
Computer Gaming and Simulation	Credit Certificate Associate of Applied Science		K, T	Entry-level position in the PC gaming industry involving programming or graphic arts.	Game Tester \$42,000-\$45,000*
Computer Information Technology	Continuing Education Cert. Credit Certificate		C, K, M, N, T	Achieving basic computer competence and choosing a specialization within the computer field. Next level: Specialization in a field of choice through an AAS degree.	Software Engineer I \$50,736 Systems Administrator \$63,502

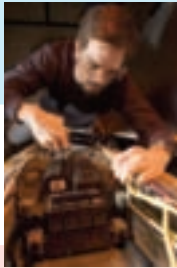
Computer Networking	Credit Certificate Associate of Applied Science	C, K, M, N, T	A profession as a Microsoft or Cisco certified systems network administrator or engineer. Next level: AAS degree or advanced certificate		\$38,029*
Computer Programming	Continuing Education Cert. Credit Certificate Associate of Applied Science	C, K, M, N, T	Entry-level computer programming positions. Learn the basics of computer science, programming logic, as well as developing algorithms to solve programming problems. Next level: AAS		\$43,957*
Geographical Information Systems	Credit Certificates Associate of Applied Science	C, N	Entry-level positions as technicians, data analysts and project managers in GIS applications. Graduates will be able to manage projects requiring data collection, data management, analysis, map product development and final report writing for presentation.		Technician \$28,000* Analyst \$33,000* Specialist \$35,000*
Integrated Technology	Credit Certificates Associate of Applied Science	M, N	Industry certification and for a wide range of work in the IT field including systems administration and home automation and repair, Computer Security and Database Administration. Next level: AAS		

Networking - Cisco and Microsoft	Continuing Education Cert. Credit Certificates Associate of Applied Science	C, K, M, N, T	Industry certification in either Microsoft or Cisco as a networking specialist, network administrator or network engineer. Next level: AAS		\$38,029*
Visual Communication	Credit Certificates Associate of Applied Science		C, K, M, N, T	Careers in commercial art and design, desktop publishing, web design, 3D animation, multimedia development, video and post-production in a variety of industries including advertising, consumer products, education, entertainment, government, legal, manufacturing, medical, petroleum, publishing, transportation and video production. Next level: AAS or transfer to four-year institution	Multi-media artist and animators: \$36,833*

ENGINEERING, MANUFACTURING, INDUSTRIAL PROFESSIONS

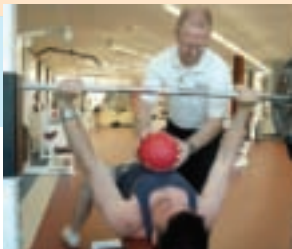
Automotive Technology	Continuing Education Cert. Credit Certificates Associate of Applied Science	M, N	Employment as entry-level service technicians for dealership service departments or other major retail or service firms. Next level: Management or supervision		\$32,610
Electrician	Continuing Education Cert. Credit Certificate	M, T	Employment as entry-level electrician apprentices with opportunities as electricians when apprenticeships are completed. Next level: Journeyman		\$42,220

Engineering	NHMCCD offers the first two years of foundational engineering courses to be transferred to a four-year degree.	K, M, N			N/A
Engineering Technology Industrial Electrical/ Controls	Credit Certificate Associate of Applied Science	C, N	Entry-level careers as engineering design technicians working in architectural, engineering, construction, or manufacturing industries.		\$47,140
Heating, Ventilation, AC and Refrigeration Technology	Continuing Education Cert. Credit Certificates Associate of Applied Science	M, N	Employment as entry-level service technician in residential or light commercial/ industrial environmental systems.		\$36,670

Area of Study	Program	College	Prepares You For	Salary Range
Industrial Maintenance	Credit Certificate Associate of Applied Science		C Employment as an industrial maintenance technician, field service technician, industrial/manufacturing operator, and equipment operator. Next level: AAS	\$30,930
Land Surveying and Mapping Technology	Continuing Education Cert (Credit Cert and AAS-spring 07 pending THECB approval)		M Entry level employment as a survey technician working either out in the field or in the surveying office. Graduates are prepared to sit for the national certification exam. Next level: AAS or transfer to four-year institution	\$30,846* with certificate \$40,456* with AAS
Machining Technology	Continuing Education Cert. Credit Certificates	C, M, N	Employment as manual or CNC machinist in a manufacturing facility.	Manual \$34,090 CNC \$41,150
Structured Cabling (copper and fiber optics)	Continuing Education Cert.	M, T	Employment as entry level installer of telecommunication cabling networks in commercial environments.	\$32,000
Welding and Inspection Technology	Continuing Education Cert. Credit Certificates Associate of Applied Science	C, M, N	Employment as a welding technician or structural welder in fabrication, construction and manufacturing industries. Next Level: AAS	\$30,800
Wireless Telecommunications	Credit Certificate Associate of Applied Science	C, T	Entry level job as a wireless telecommunications technician determining the requirements for communications equipment including switching, paging, and digital satellite communications systems, cellular phones, fax machines, etc. Next level: AAS	\$37,440* with certificate \$52,000* with AAS

HEALTH PROFESSIONS AND SCIENCES

Biotechnology	Credit Certificate Associate of Applied Science		M Employment as technicians in biotechnology companies, chemical environments, or research labs. Next level: Four-year degree		\$34,340
Dental Assisting	Continuing Education Cert.		K National certification or state oral radiography licensure and employment as a dental assistant. Next level: AAS in dental hygiene		\$29,010
Dental Hygiene	Associate of Applied Science Degree		K Employment as a dental hygienist in private dental offices, dental clinics or public dental health care clinics.		\$59,340
Diagnostic Medical Sonography	Associate of Applied Science Certificate	C	Employment as a technician in the Sonography (ultrasound) field. The program is also designed to provide opportunities for job advancement and retention for currently employed radiologic technologists. Next level: Advanced certification in vascular imaging or four-year degree in sonography		\$53,650
Emergency Medical Services Professions	Basic Certificate Intermediate Certificate Paramedic Certificate Associate of Applied Science	C, N	The fast advancing world of Emergency Medical Services. Graduates work at numerous fire departments, private EMS services, and hospitals. Next level: AAS		Paramedic \$25,630
Health Information Technology	Credit Certificates Associate of Applied Science	N	Entry-level employment as a coder, biller, insurance technician, medical record technician, front office support, abstractor, supervisor, or transcriptionist in a medical facility, physician's office or insurance agency. Next level: AAS		\$26,110
Home Health Aide	Continuing Education Cert.	N, K	Employment in an agency that provides personal care and medical assistance to patients in their homes. Tasks include bathing, dressing, or grooming and patients are generally convalescing, elderly, or disabled persons. Next level: CNA or medical assistant		\$18,550
Medical Assisting	Credit Certificate	C, N	Support both administrative and clinical procedures, including record keeping, accountant, insurance processing, and patient relations. Employment in a physician's office, public and private hospital, outpatient ambulatory center or nursing care facility. Next level: Management position in health care		\$24,930*
Medical Billing	Continuing Education Cert.	M	Work in medical environments like physicians' offices, hospitals and clinics as a billing specialist. Next level: Medical coding certificate or AAS in Health Information Technology		\$25,000*
Medical Coding	Continuing Education Cert. Credit Certificate	M, N	Work in medical environments like physicians' offices, hospitals and clinics as a billing specialist. Next level: Medical coding certificate or AAS in Health Information Technology.		\$16,000-30,000*

Area of Study	Program	College	Prepares You For	Salary Range	
Medical Office Technology	Continuing Ed Cert. Credit Certificates Associate of Applied Science	K, M, N, T & DL	Employment in a medical office setting as an office receptionist, administrative assistant or office specialist.	Medical Records Technician \$30,722	
Medical Radiological Technology	Associate of Applied Science Degree		C, M	The National Registry examination (ARRT) and employment in medical centers, community hospitals, extended care facilities, physicians' offices, specialist clinics, and other health care institutions as an x-ray technician. Next level: Advanced modality or transfer to four-year institution.	\$44,730
Medical Transcription	Certificate		K, N, T	Employment in a variety of settings where you listen to recordings dictated by physicians and other healthcare professionals and transcribe them into medical reports, correspondence, and other administrative materials.	\$28,630
Medication Aide	Continuing Education Cert.		K, M, N, T	Employment under the supervision of a nurse in a long-term care facility to administer medication to patients living in nursing facilities or assisted living (personal care) facilities. Next Level: Licensed Vocational Nursing (LVN) or Registered Nursing (RN).	\$25,380*
Nurse Aide	Continuing Education Cert.		C, K, M, N, T	Employment in long-term health care facilities as a direct patient care nursing assistant. Next Level: Medication Aid, Licensed Vocational Nursing or AAS in another healthcare field.	\$21,220
Nursing	Certificate Associate of Applied Science Transfer		C, K, M, N, T	Designed for the student who plans to enter the job force immediately as licensed vocational nurses or registered nurses, depending on the course of study. Admission is highly competitive, and so completion of all prerequisite coursework before applying for admissions is highly recommended. Next level: For LVN is ADN and for ADN is BSN	LVN: \$35,230 RN: \$54,670
Occupational Therapy Assistant	Associate of Applied Science		K, T	Employment as occupational therapy assistants, working under the supervision of occupational therapists, assisting individuals to achieve independence through the use of purposeful activity.	\$38,540
Orthopedic Technologist	Continuing Education Cert.		M	Entry-level work in a clinic or orthopedists' office as a casting tech or orthopedic tech. Next level: AAS in a healthcare field	\$27,000 without certification \$32,000 with national certification
Personal Training	Continuing Education Cert.		M, N	National certification and employment as a personal trainer working one-on-one with clients to establish healthy lifestyles and enhance fitness levels. Work for yourself as an entrepreneur or in a fitness facility.	\$26,070
Pharmacy Technology	Certificate Associate of Applied Science		N, T	Employment as pharmacy technicians assisting pharmacists with activities such as maintaining records, filling and dispensing routine prescriptions, maintaining supply inventories, preparing sterile compound products, and providing assistance in traditional pharmacy settings, both retail and hospital.	\$24,160
Phlebotomy Technician	Continuing Education Cert.	N	Employment as a phlebotomy technician in outpatient and inpatient facilities, clinical laboratories, nursing homes, hospitals and physician offices.	\$16,640—18,720 starting	
Physical Therapist Assistant	Associate of Applied Science	M	The national licensure exam and employment as a Physical Therapy Assistant (PTA) working under the supervision of the physical therapist in acute care facilities, rehabilitation center, outpatient clinics, school systems, and home health agencies.	\$57,650	
Respiratory Care	Associate of Applied Science Degree		K	Employment in acute care hospitals, sub-acute care hospitals, rehabilitation hospitals, hyperbaric medicine, home care facilities, and physician offices. Respiratory care therapists deliver therapeutic procedures, assist doctors in performing diagnostic procedures, and provide emergency cardiopulmonary care in the emergency room. Next level: Transfer to four-year institution.	\$37,440
Sciences			C, K, M, N, T & DL	A variety of courses available in Agriculture, Astronomy, Biology, Chemistry, Engineering, Environmental Biology, Geology and Physics. Next level: Associate of Science degree & transfer to four-year degree	N/A
Veterinary Technology	Credit Certificate Associate of Applied Science		T	The national Vet Tech Board Exam and employment assisting veterinarians in animal hospitals, zoos, industry, medical research laboratories, government regulatory programs or the Veterinary Medical Corp. Next level: Four-year degree in animal science or agricultural business	\$25,360

PUBLIC SAFETY

Criminal Justice	Associate of Arts Field of Study	C, K, M, N, T	Jobs in police work, probation and parole and juvenile criminal justice. Next level: Transfer to a four-year institution	Probation Officer \$39,760
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Area of Study	Program	College	Prepares You For	Salary Range	
Emergency Medical Services Professions	Basic Certificate Intermediate Certificate Paramedic Certificate Associate of Applied Science	C, N	The fast advancing world of Emergency Medical Services. Graduates work at numerous fire departments, private EMS services, and hospitals. Next level: AAS	Paramedic \$25,630	
Fire Science Technology	Credit Certificate Associate of Applied Science	C	Employment in the fire science field. The program is also designed for advancement of currently employed firefighters. Next level: AAS or fire officer training	Firefighter \$38,690	
Peace Officer Academy	Continuing Education Cert.	N	TCLEOSE certification to work in law enforcement jobs in the state of Texas.	\$45,600	

SERVICE PROFESSIONS

Child Development and Family Studies	Credit Certificate Associate of Applied Science	N	Becoming program directors/administrators of child care centers, pre-school teachers, public school aides, and teachers in Head Start programs. Both applied science and university transfer tracks are available. Next level: Transfer to four-year institution	Administrator \$36,080 Pre-school Teacher \$21,549 Childcare \$16,950	
Cosmetology	Associate of Applied Science Degree/Certificate	K, N	Taking the Texas Cosmetology licensure examination. Cosmetology is the art and science of beautifying hair, skin and nails. Graduates can be employed as hair stylists, aestheticians (skin care specialists), make up artists, or hair coloring/chemical technicians.	Cosmetologist: \$20,500 Manicurist: \$18,130 Aestheticians: \$24,340	
Education	Associate of Arts in Teaching	C, K, M, N, T	Employment in a public school as a paraprofessional or teacher aide, initial Texas teaching certification and/or transfer to a four-year degree in education. Early childhood through grade 12 specializations available. Next level: Transfer to four-year institution	Starting \$35,000-\$37,000*	
Alternative Teacher Certification	Continuing Education Cert.	C, K, M, N, T	Certification as a teacher in the sate of Texas for those that have a four-year degree and seek to become certified through this18-month program.	Starting at \$35,000*	
Human Services	Credit Certificate Associate of Applied Science	M, T	Employment in group homes, halfway houses, child and youth service agencies, state welfare offices, substance abuse treatment centers, and other social service agencies.	\$24,730	
Interpreter Training Technology	Continuing Education Cert. Credit Certificate Associate of Applied Science	C, N	Employment as an interpreter for the deaf in community and educational settings or in related careers assisting the deaf or hearing impaired	\$34,900	
Paralegal Studies	Credit Certificate Associate of Applied Science	N	Employment as a paralegal or legal assistant in the public and private sectors of legal practices. Paralegals are trained to draft legal documents, conduct legal research and factual investigations, and interview clients and witnesses working under the supervision of a lawyer.	Paralegal \$40,450	
Truck Driving	Continuing Education Cert.	N	The written and hands-on testing and licensing at the Department of Public Safety as well as acquiring a Class “A” Commercial Drivers License. Training includes safe operation of a tractor-trailer. Understanding of Federal rules and regulations and defensive driving skills.	\$33,870	

COLLEGE TRANSFER, PREPARATION AND SKILL DEVELOPMENT

Anthropology	NHMCCD offers courses in Introductory and Cultural Anthropology	C, K, M, N, T & DL		N/A	
College Preparation and Skill Development		C, K, M, N, T & DL	A variety of programs designed to enhance reading, writing and math skills needed to be successful. Additionally, GED preparation and English as a Second Language are also available to help you succeed whatever your goal. Next level: Entry into college level courses	N/A	
Geography	NHMCCD offers introductory courses in geography as well as physical, economic and world geography to be transferred to a four-year degree.	C, K, M, N, T & DL		N/A	
History	NHMCCD offers a wide variety of history courses including US, Western Civilization, World and historical analysis.	C, K, M, N, T & DL		N/A	
Kinesiology (Physical Education)	NHMCCD offers a variety of physical activity courses to assist in developing a healthy lifestyle as well as for transfer to a four-year degree.	C, K, M, N, T & DL		N/A	

Area of Study	Program	College	Prepares You For	Salary Range
Math	A variety of math courses offered from pre-algebra through the calculus sequence and differential equations including statistics and the two freshmen level math courses required for elementary and middle school teachers.	C, K, M, N, T & DL		N/A
Music	NHMCCD offers a complete curriculum in music with a wide variety of courses for music majors and non-majors. The field of study in music offers a sequence of courses that transfers directly to a four-year degree in music to prepare you for a career as a performing or teaching musician.	C, K, M, N, T		N/A
Philosophy	Explore a variety of philosophy courses ranging from introductory courses in ethics to world religions, logic and social/political philosophy.	C, K, M, N, T & DL		N/A
Political Science	NHMCCD offers American government as well as political science to be transferred to a four-year degree.	C, K, M, N, T & DL		N/A

Salary figures are taken from the Bureau of Labor Statistics. These figures are estimates only and may vary by years of experience and place of employment.
 *Salaries based upon local surveys of our employers and graduates.



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WANT TO START SOMETHING EARLY?



Tech Prep programs at the five colleges of the North Harris Montgomery Community College District offer college credit for high school courses. Students can earn free articulated credit for technical courses in an Associate of Applied Science degree. Start something by speaking with a high school counselor today.

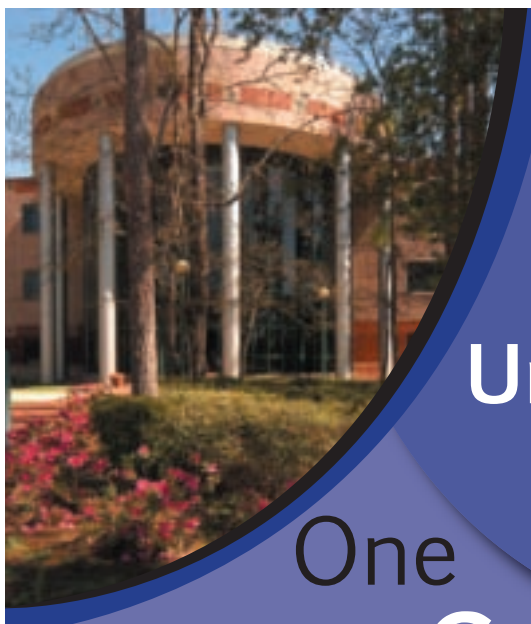
Or find more information at www.nhmccd.edu/goto/collegetechprep.

The Carl D. Perkins Vocational and Applied Technology Education Act grant supports this program. The funds are made available through the Texas Higher Education Coordinating Board. Participating agencies include the North Harris Montgomery Community College District and the Gulf Coast Education That Works Consortium.



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switched on inside me
and my ambition sky-rocketed.”*

*“I found I was actually
enjoying the challenges.
I'd underestimated myself.”*

*“It's exciting to feel confident,
important and strong.”*

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- student employment

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CyFair
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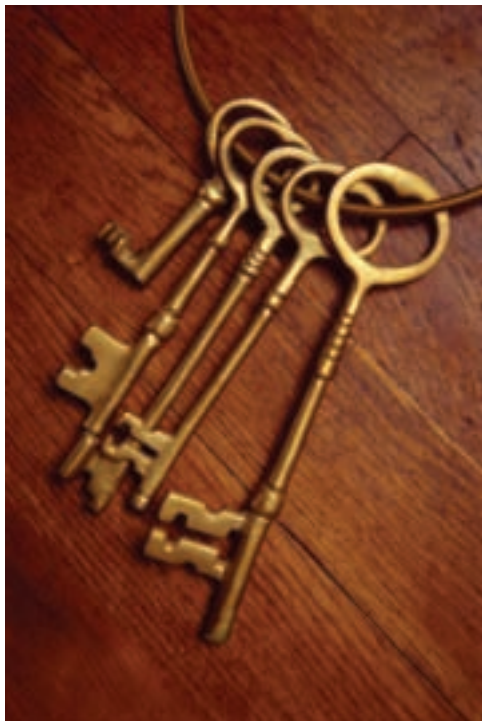
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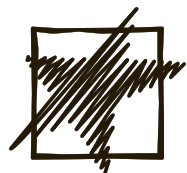
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