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About San Jacinto College
Surrounded by monuments of history, industries and maritime enterprises of today, and the space age of tomorrow, San Jacinto College has been serving the citizens of East Harris County, Texas, for 50 years. The College is committed to the goals and aspirations of a diverse population of more than 29,000 students in over 140 degree and certificate options, including university transfer and career-track choices. Students also benefit from the College’s job training programs, renowned for meeting the needs of growing industries in the region. San Jacinto College. Your Goals. Your College.

CareerFocus is published three times a year by San Jacinto Community College District, 4624 Fairmont Parkway, Suite 204, Pasadena, TX 77504, in partnership with Washtenaw Community College, Ann Arbor, Michigan 48106.

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In Every Issue

13 Good Jobs Start Here

On our cover: Nursing student Jennifer Baker goes over the procedure for examining a patient’s airway. San Jacinto College EMT students learn proper emergency procedures in the College’s state-of-the-art EMT training lab. The medical laboratory field offers an increasing amount of job opportunities. Mark Howard is pursuing an associate degree in occupational health and safety technology (OHST) at San Jacinto College. Orrester Johnson is studying to be a pharmacy technician.
First Year Experience coordinators help to ease transition to college

New San Jacinto College (SJC) First Year Experience (FYE) coordinators have the important job of helping first-time college students make the challenging transition to college life. The College’s new FYE coordinators are responsible for helping first-time students with a variety of resources and services, such as new student orientation, workshops, newsletters, tutoring services, social activities, and an innovative calling program recently started by the College. The calling program is designed to improve student retention by connecting first-time students with trained student leaders, who keep in touch with new students through a series of phone calls.

Engine presentation helps College offer high tech training

Stewart & Stevenson LLC (S&S) recently provided a 2010 Detroit Diesel DD15 engine at a large discount to San Jacinto College (SJC) to be used for training by students in the College’s diesel technology program. “We will use the engine to teach the latest technology, which includes seven check valves in the return fuel circuit, a particulate filter, and other high-tech developments,” commented Don Clayton, lead instructor for the College’s diesel technology program. The 15-liter, six cylinder engine, valued at $48,000, is rated at 455 to 560 horse power with a torque rating of 1550 to 1850. The DD15 is the most advanced in its class, using Daimler’s patented BlueTec emissions technology while increasing fuel economy by five percent. The primary use of a DD-15 engine is in heavy duty service trucks that haul large loads. SJC was able to purchase the engine at less than half price at Stewart & Stevenson’s request to Daimler trucks. S&S paid for the engine stand, special tools, technical manuals and training material. The long-standing partnership between S&S and the diesel technology program at San Jacinto College exemplifies how working together can be a win-win situation for students and industry.

San Jacinto College South choir delivers flawless performance at Carnegie Hall

The San Jacinto College (SJC) South college community choir gave an astounding performance over Memorial Day weekend at New York City’s Carnegie Hall. Performing for an audience of about 2,000 guests, the choir received a standing ovation at the end of its performance. Visual and performing arts department chair and choir director Cindy Stevens was in awe of her ensemble. “Our performance was flawless. One of the best moments for me was during our dress rehearsal in Carnegie Hall. We had the entire house to ourselves! No audience, no MidAmerica representative - just us and that fabulous hall,” she said. CF
To keep pace with growing demand in the career field, San Jacinto College (SJC) is expanding its mental health technology program, as well as offering flexible distance learning and hybrid classes.

The College offers mental health classes at the North campus, located at 5800 Uvalde Road in the North Channel area, and at the South campus, located at 13735 Beamer in the South Belt-Ellington area. The program trains mental health technicians (psychiatric aides and psychiatric technicians) and prepares individuals for testing as a Licensed Chemical Dependency Counselor (LCDC). The program offers three options:

- associate of applied science in mental health and counseling psychology (two years)
- certificate of technology as a mental health/psychiatric technician (one year)
- certificate of technology in substance abuse counseling (one year).

“The need continues to grow for both psychiatric mental health technicians, as well as substance abuse counselors,” commented Fred Lara, mental health program manager for the College. “With the tough economic times and major job losses, there is a rise in many mental health issues, including substance abuse and chemical dependency.”

In order to expand the program and better meet the needs of the community, the College recently added an adjunct position and more classes. “We are excited to have Steven Vestal, a graduate of our program, as a part-time adjunct professor, and as the program grows his capacity will expand as well,” remarked Lara.

Vestal earned an associate degree from SJC in 2009, and holds a bachelor’s degree in psychology from Ashford University, and a master’s in counseling from Southwestern Assembly of God University. He also operates a private counseling practice.

Vestal knows first-hand about mental health issues, and wants to use that experience in helping to train students. “Coming from a background in addiction myself, I want to help train mental health workers so victims can come through these issues and better themselves through education,” he commented. “I believe San Jacinto College has the best mental health program in the state, and I want to help expand the program. By helping the next generation of counselors, I am helping the next generation of clients, and the change we make in the field will be felt by each person who is helped.”

A person can obtain a full-time job in the mental health field with a two-year associate degree, however many go on to get higher degrees. “There are many positions in the chemical dependency field that only require an associate degree,” Lara said. “If someone is interested in moving forward with their education in psychology, counseling, or social work, completing our program allows them to begin working in the counseling field as they continue their education.”

The College’s mental health program features an innovative mix of traditional classroom training, distance learning, and hybrid classes. “We have developed flexible schedules that allow traditional and non-traditional students to have a variety of options in order to obtain either the one-year certificate, or the two-year associate degree,”

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Amy Wyatt, a San Jacinto College nursing student, is one of many who have benefited from the Healthcare Pathways grant, funded by the U.S. Department of Labor.

By Jeannie Peng-Armao

Amy Wyatt already had a career as a pharmacy technician when she began feeling led to serve others through the nursing profession. With help from a Healthcare Pathways grant at San Jacinto College, she was afforded the opportunity to pursue her dream career.

“I felt like I had gone as far as I could in my own career,” said Wyatt. “I had my little girl two years ago and really appreciated the care the nurses gave me, and that sparked my interest to start searching for nursing programs.”

To jumpstart her new career path, Wyatt received assistance with her college expenses, including certification exams, tuition and lab fees, specific supplies, and textbooks through the $4.7 million Healthcare Pathways grant, funded by the U.S. Department of Labor. Healthcare Pathways is a partnership between San Jacinto College (SJC), Lee College, College of the Mainland, and Brazosport College to provide funding for those constrained financially, or who meet other eligibility requirements, and who want to work in the health care field. The grant also assists eligible applicants with English as a second language (ESL) courses, online reading skills classes, general educational development (GED) courses, and student success classes.

The grant supports recipients training in such professional development programs as electrocardiogram (EKG), phlebotomy, and certified nurses aide (CNA), and for licensed vocational nurse (LVN), transition or mobility associate degree nurse (ADN) and medical laboratory technology. Workforce Solutions also works as a partner to provide additional resources and after-training job placement for students.

“This very unique partnership provides a previously unseen support system for the participant, from the application to the job site,” said Nancy Martin, Healthcare Pathways training coordinator with the Gulf Coast Healthcare Partnership. “Health care occupations will continue to be in demand for the foreseeable future according to the Bureau of Labor Statistics. If someone has wanted to make a significant career and/or vocational change, now is the time to do it with the assistance of the Healthcare Pathways grant.”

Martin added that ideal candidates include those who wish to provide direct patient care working in health care and take advantage of the career ladder employed by the grant. Wyatt said she’s glad she chose community college as an affordable option for nursing school and hopes to become an LVN by Christmas and work with the VA Medical Center.

“This is a lot more than what I expected from a community college,” said Wyatt. “San Jacinto College is right up there with the large schools in the quality of instructors, resources, and hands-on training. I’m really loving what I do now.”

Employment of technicians, who specialize in electrocardiography, or EKG, is expected to increase 24 percent through the year 2018, much faster than the average for all occupations, according to the U.S. Bureau of Labor Statistics. Employment of clinical laboratory technicians is expected to grow by 14 percent by 2018. Overall employment of nursing is projected to grow 18 percent within that same timeframe, while nursing aides, orderlies, and attendants can expect a 19 percent job growth, predominantly in response to the long-term care needs of an increasing elderly population.

More information regarding the DOL Healthcare Pathways Training Grant can be obtained at http://cpd.sanjac.edu/node/5579 or by contacting Erin Bradley at erin.bradley@sjcd.edu or Nancy Martin at nancy.martin@sjcd.edu. Credit candidates must already have been accepted to San Jacinto College and into the preferred program of study to be eligible for the grant program. Potential candidates should also contact the director of their preferred program on the appropriate campus to obtain information on all requirements for program application and admission.

Credit candidates must also apply for other federally funded scholarship or grant programs if they wish to pursue credit coursework before pursuing the Healthcare Pathways grant. CF
EMT students learn to handle critical medical issues

By Rob Vanya

Emergency medical service (EMS) personnel are sometimes called upon to handle life-threatening medical issues and must be well prepared to respond coolly, quickly, competently, and with compassion.

San Jacinto College’s (SJC) emergency medical technology (EMT) program is highly regarded for its quality of training. The College’s Central campus has served as national EMT registry test sites during which Texas Department of State Health Services (TDSHS) staff members administered various activities.

“San Jacinto College’s EMT department enjoys a strong professional relationship with the Department of State Health Services both here in the Houston area and in Austin,” said Joe Hamilton, program director. Hamilton served for six years on the Governor’s EMS and Trauma Advisory Council education committee. Additionally, he was named the state’s EMS Educator of the Year for 2010.

San Jacinto College offers a full range of EMT course options, offering specialized education to persons interested in providing first-responder medical care to the public. The role of an emergency medical services provider is usually through the EMS ambulance, but also includes persons in the clinical setting, firefighters, law enforcement, and industrial facilities. The need for EMS has no defined boundary, but is clearly any place persons may become ill or be injured.

San Jacinto College offers a full range of EMT course options, offering specialized education to persons interested in providing first-responder medical care to the public.

Approximate annual wages for Emergency Medical Technicians and Paramedics in Texas

<table>
<thead>
<tr>
<th>Category</th>
<th>Wage</th>
</tr>
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<tbody>
<tr>
<td>Entry-level workers</td>
<td>$26,990</td>
</tr>
<tr>
<td>Experienced worker</td>
<td>$48,745</td>
</tr>
<tr>
<td>Median wage</td>
<td>$39,984</td>
</tr>
</tbody>
</table>

*Source: Texas Industry Profiles website*

San Jacinto College EMT students Daniel West and Dawn McGee learn proper emergency procedures in the College’s state-of-the-art EMT training lab.

The College’s EMT program features lectures from experienced, degree instructors, as well as hands-on laboratory training with psychomotor job-related skills instruction in state-of-the-art facilities. Through internships, students gain valuable patient treatment experience in hospital clinical settings observing patients in emergency conditions and on the ambulance.

Seasoned faculty, both full-time and adjunct, teach students in the program. All are chosen based on their experience, instructional capability, education, and knowledge. Most of the College’s EMT instructors are well known and highly respected throughout the EMS community.

Graduates of the College’s EMT program have many opportunities to either continue their education, or seek employment. Career placement in EMT work does not always require full completion of an associate degree, however students that do complete the degree have greater career opportunities and are eligible to become TDSHS licensed paramedics.

Most SJC graduates continue their careers in the field and are employed by fire department-based EMS services or by city- or county-operated services that provide emergency or 911 type of EMS. Many other graduates are employed by private EMS services. Such private services may provide contract 911 service, critical care inter-facility transfer services or general non-emergency transport services. Graduates are frequently employed by helicopter and or fixed wing air ambulance services, and are also employed as staff medics with offshore oil and gas exploration companies, or with contractors working in developing and recovering countries.

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As any working mom knows, finding a balance between work and family can be stressful, with one usually compromising more than the other. Throw school in to that mix – with classes, study time, and homework – and the balancing act can be even more complicated.

For Jennifer Baker, this situation was a daily routine. The 35-year-old licensed vocational nurse (LVN) was looking for a nursing program that would allow her to do just that. She wanted to earn her associate degree in nursing, but was having a hard time finding a program that would allow her time to work, go to school, and still be able to spend time with her husband and four children. After looking at the San Jacinto College (SJC) South campus’ LVN/Paramedic to associate degree nursing (ADN) mobility program, she knew she had found where she needed to be.

“This program definitely fit my needs because it allowed me to work at the hospital, go to school part time, and still have time to be with my family,” said Baker. “I had already heard so many great things about this program, and even had a friend of mine earn her associate degree five years ago from this program, so I thought I’d give it a shot, and it worked out better than I could have imagined.”

Baker has always enjoyed taking care of people. When her grandfather became ill, she decided to step into the role of becoming his caregiver, and became a certified nursing assistant. This experience solidified her ambition to go even further in nursing. She then finished her prerequisites at Houston Community College, received her LVN from Lee College, and in 2009 decided to complete her associate degree in nursing at SJC. This past May, she graduated from the LVN/Paramedic to ADN Mobility program, and now has plans to complete her master’s degree in nursing at the University of Texas Medical Branch at Galveston. Currently, she is a LVN at Triumph Hospital East Houston located in the Channelview area. She encourages other students who may be working parents, or are simply looking for a program that gives them the specific flexibility to work while they earn their associate degree in nursing, to look into the San Jacinto College program and all it offers.

“The schedule really works out great. You’re in lecture on campus one day a week, and then you have your 12-hour clinical rotation at your assigned hospital another day during the week. This enabled me to work full-time hours at my regular hospital and still be able to come home at a decent hour and see my kids, which was very important to me. I’m lucky to have a family that has always been very supportive of my education and career goals, despite the hours I would need to put in. What’s so great about the SJC program is that your instructors really make themselves available. They offer tutoring for anyone who needs it, and they are always willing to help you with anything you need extra time with. I always felt like they put us first.”

San Jacinto College nursing students receive educational and lab training on campus, as well as hands-on clinical experience with patients at nearby partnering hospitals. Upon completion of the LVN/Paramedic to ADN Mobility program, students earn their associate of applied science degree in nursing and are qualified to apply for the National Council Licensure Exam- Registered Nurse (NCLEX-RN), which is required of all registered nursing candidates. According to the Texas Workforce Commission, the average annual salary for a LVN in the Gulf Coast region is $42,993, with an experienced nurse earning as much as $45,521 and more. Employment is mainly distributed throughout hospitals, clinics, private practices, nursing homes, and private home care.
Student prepares for medical detective work through SJC program

By Jeannie Peng-Armao

Maegan Benbrook has her heart set on becoming a “medical detective,” and with the help of the medical laboratory program at San Jacinto College (SJC), she is well on her way toward working in a field that has captured audiences with such shows as “CSI.”

“I’ve always known I wanted a career in health care, and after taking a few science classes and labs, I discovered my love for the laboratory,” said Benbrook. “I would best describe medical laboratory technicians as medical detectives. I’ve had the opportunity to be exposed to a full range of topics from blood banking, microbiology, phlebotomy, hematology, parasitology, and many other exciting courses.”

After completing the SJC 23-month program, Benbrook plans to look for a full-time medical laboratory technician position. Employment of medical laboratory technicians is expected to grow by 14 percent within the next seven years, according to the U.S. Bureau of Labor Statistics (BLS). SJC students who graduate with an associate degree in medical laboratory may choose from a variety of positions that include clinical laboratory, histology, anatomic pathology, medical office technician, research assistant; and positions with the Centers for Disease Control, Health and Human Services, medical billing and coding, education, biohazardous waste companies, and police departments.

Work environments for technicians can include testing infectious specimens, and because of this, protective masks, gloves, and goggles are necessary to ensure the safety of laboratory personnel. Various job duties can entail looking for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusions; and test for drug levels in the blood that show how a patient is responding to treatment. Technicians may prepare specimens and operate automated analyzers, or they perform manual tests in accordance with detailed instructions. They usually work under the supervision of medical and clinical laboratory technologists or laboratory managers and may work in several areas of the clinical laboratory or specialize in just one.

According to the BLS, medical and clinical laboratory technicians generally have either an associate degree from a community or junior college, or a certificate from a hospital, a vocational or technical school, or the Armed Forces. Technicians can advance and become technologists through additional education and experience. Technologists may advance to supervisory positions in laboratory work or may eventually become chief medical or clinical laboratory technologists or laboratory managers in hospitals.

“This program does an excellent job of preparing you for the next step, a career,” said Benbrook. “I’m looking forward to finding a job as a technician. However, the sky is the limit with this degree; there are so many options available to graduates.”

The SJC medical laboratory technician program introduces students to laboratory safety, hygiene, personal protective equipment, instrumentation, clinical chemistry, hematology, microbiology, serology, immunohematology, and urinalysis. Some courses are eight weeks long and others are 16 weeks. An internship also is incorporated in the medical laboratory technician program.

“Students will work at selected clinical sites three times during their tenure in the program,” said Ben Newsome, program director. “After obtaining the degree, a student is eligible to apply to become a certified medical laboratory technician through the American Society of Clinical Pathology. This organization is world renowned and nationally recognized in most medical facilities.”

Newcombe said entry-level salary for technicians may range from $35,000-$45,000 per year. Median annual wages of medical and clinical laboratory technologists were $53,500 in May 2008, according to the BLS. The middle 50 percent earned between $44,560 and $63,420.

San Jacinto College student Maegan Benbrook is pursuing a career in medical laboratory, a field with an increasing amount of job opportunities.
How to Pay for College?

Let’s face it. Figuring out how to pay for college can be intimidating. With the rising cost of tuition and fees across the country, you may think that the only way you can attend college is to improve your jump shot or win the lottery. Not true! The good news is that there is help out there for students just like you.

Don’t assume that you won’t qualify for financial aid because you or your parents may make too much money, or don’t have high enough grades. Everyone should fill out a FAFSA (Free Application for Federal Student Aid) to determine his or her eligibility.

The FAFSA will help schools decide what financial aid you may qualify for. According to the U.S. Department of Education, every year more than 10 million students are helped through grants, low-interest loans, and work-study programs.

The first step in understanding the student financial aid and FAFSA process is to understand the different types of aid:

- **Grants.** This type of financial aid awards money to students and does not have to be repaid. There are several different grants available to students and the award amounts differ depending on the grant.
- **Federal work-study programs.** Money is earned while attending school, and does not have to be repaid. Jobs can be on-campus or off-campus, and pay can vary, but there are no minimum or maximum amounts that can be earned.
- **Low-interest student loans.** While this form of financial aid must be repaid, some loans are subsidized by the U.S. Department of Education. That means that the interest will be paid while the borrower is in school and during grace periods. Students must attend school at least half-time to qualify.
- **Alternative loans.** These are available through outside financial institutions, which are not in conjunction with federal programs. Interest rates are variable and borrowers must qualify for the loan based on their credit scores.
- **Scholarships.** In addition to federal aid, there are scholarships available through the San Jacinto College Foundation. For the 2008-09 academic year, the San Jacinto College Foundation helped to facilitate more than $900,000 in scholarships for San Jacinto College students.

The second step is to APPLY! With all of the options out there, applying...

### Tackling the FAFSA

1. Collect documents needed, including income tax returns and W-2.
2. Get a pin number from www.pin.ed.gov if you plan to file electronically.
3. Complete the FAFSA as soon as possible. Apply online by going to www.fafsa.ed.gov, or visit www.sanjac.edu for financial aid information.
4. Review the Student Aid Report (SAR) sent to you and make changes or corrections as needed.
5. The San Jacinto College financial aid office may contact you if you have been selected for verification. If so, submit the appropriate information.
6. Make sure the financial aid office at San Jacinto College has all the information they need to determine your eligibility.
7. Review award letters from schools to compare aid. Decide which schools to attend based on how well the school suits your needs and its affordability.

### FAFSA Checklist

Make sure you have the following documents before you begin the FAFSA:
- Your Social Security Number. If you do not have a social security number, please call San Jacinto College at 281-998-6150 and ask to speak with a financial aid representative on the campus of your choice.
- Your driver’s license (if any).
- Most recent W-2 forms and other records of money earned.
- Your (and your spouse’s, if you are married) most recent Federal Income Tax Return – IRS Form 1040, 1040A, 1040EZ, foreign tax return, or tax return for Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, the Marshall Islands, the Federated States of Micronesia or Palau.
- Your parents’ most recent Federal Income Tax Return (if you are a dependent student).
- Your most recent untaxed income records – Social Security, Temporary Assistance to Needy Families, welfare, or Veterans benefits records.
- Your most recent bank statements.
- Your most current business and investment mortgage information, business and farm records, stocks, bonds, and other investment records.
- If you are not a United States citizen, you will your alien registration number or permanent residence card.

There are many scholarship and financial aid scams out there. Never give out personal information unless you know the company is legitimate.

Don’t let money affect your decision to attend college. San Jacinto College can help you realize your goals. We are committed to helping you succeed!
Mark Howard, 57, spent years working in safety at a fabrication and machine shop. However, he yearned for a degree that would provide a better paycheck and valuable credentials.

“There are still high paying jobs in the safety field,” said Howard. “I want to continue my work in the field of safety, as well as continue my education to become a Certified Safety Professional (CSP). Once I achieve this educational goal, I can pick and choose where I want to work on a global scale.”

Howard, who serves as president of the Students of Safety (SOS) San Jacinto College chapter, is well on his way toward earning an Associate of Applied Science in Occupational Health and Safety Technology (OHST) at San Jacinto College, a two-year program designed to prepare students for the world of industrial or chemical process safety, industrial hygiene, manufacturing safety, hazardous waste safety, environmental safety, and more. The College also offers a Certificate of Technology in OHST that can be completed within one year.

Occupational health and safety technology is a growing field that is expected to increase 14 percent over the next seven years, a percentage that reflects a balance of continuing public demand for a safe and healthy work environment against the desire for fewer government regulations, according to the U.S. Bureau of Labor Statistics (BLS). Technicians work in a variety of settings from offices and factories to mines; some hold an associate degree or certificate, and some enter the occupation through work experience and training. They take measurements and collect workplace data, either for routine inspection, or as directed by a specialist. Technicians often focus on testing air, water, machines, and other elements of the work environment. They also help to implement and evaluate safety programs. Their jobs often involve considerable fieldwork, and some require frequent travel.

Alfred Sustaita, OHST instructor at San Jacinto College, said graduates of the program may choose a variety of career paths that include positions in the government sector, military, academic, health care, consulting, mining, oil and gas, and the petrochemical industry.

“Basically, any organization that hires people to work for them is a potential place of employment for our graduates,” said Sustaita, who spent the last 26 years working with companies and agencies enforcing governmental regulations. “There is a desperate need for qualified Environment, Health and Safety (EHS) professionals, and that demand is only getting higher as more and more companies realize that they need professionals with degrees to fill these positions.”

San Jacinto College prepares students for work with a variety of course subjects that cover environmental regulations, Occupational Safety and Health Administration (OSHA) regulations, accident prevention and investigation, risk management, physical hazards, construction site safety, safety training presentation, principals of industrial hygiene, ergonomics and human factors, and environmental toxicology. Sustaita said that most of the program prepares students to help organizations comply with governmental regulations - organizations such as OSHA, Environmental Protection Agency (EPA), Department of Transportation (DOT), Risk Management, and International Organization for Standardization (ISO) just to name a few.

“Safety is a growing field, and with the global concern of workers health in the forefront, it will be around as long as we are still working in a free society.”

Median annual wages of technicians range between $35,000-45,000, according to the BLS, with the largest employment stemming from support activities for mining; local government; higher education institutions; medical and surgical hospitals; and management, scientific and technical consulting.
Pharmacy technicians serve a vital role in health care

By Rob Vanya

A pharmacy technician serves a vital role in the health care field, and San Jacinto College’s (SJC) pharmacy technician certificate program provides graduates with the skills and knowledge that will prepare them for national certification and enable them to qualify for entry-level positions in pharmacies.

The program is a two-term curriculum that requires students to complete a 30 term-hour program that totals 800 contact hours, which trains students to work in both retail and hospital pharmacies.

The College’s program includes two clinical courses. The first clinical is a 160-contact hour, three term-hour credit external learning experience course that takes place in a retail pharmacy. The second clinical is a 160-contact hour, three term-hour credit external learning experience course that takes place in a hospital pharmacy. Students who successfully complete the College’s certificate program will be eligible to take the National Certification Examination for Pharmacy Technicians administered by the Pharmacy Technician Certification Board.

According to the U.S. Bureau of Labor statistics, the demand for pharmacy technicians will rise 29 percent by 2012 due to the expansion of retail pharmacies, the increased number of middle-aged and elderly people, and the increasing roles and responsibilities of pharmacy technicians. Good job opportunities are expected for full-time and part-time pharmacy technicians with formal training or previous experience.

A pharmacy technician’s salary depends a lot on the setting in which he or she works. Hospital technicians tend to make more than retail, with the higher pharmacy tech wages going to those that know how to prepare IV medications and/or work with chemotherapy drugs. Basically, the more you know and the more you can do, the higher your pharmacy technician salary.

Community pharmacy technicians provide customer service by accepting prescriptions or requests, processing sales, and assisting the pharmacist in preparing and filling prescriptions. Institutional pharmacy technicians traditionally process medication orders in a hospital setting, fill and maintain unit dose carts, handle inventory management, dispense medications, prepare sterile and compound products, bill patients, and calibrate pumps. There is a high demand for both community and institutional pharmacy technicians.

For Pearland High School graduate Orrester Johnson, the pharmaceutical field is a natural career choice and he speaks highly of the quality of training at San Jacinto College. “I grew up around hospitals because my mother is a nurse, so I’ve wanted to be in the medical field since childhood,” he commented. “But, I really am not interested in surgery or the physician side of medical work, so pharmacy work became my logical career choice. I can serve people and help people through medicine without being in the operating room or the doctor’s office.”

Johnson, 19, finds pharmaceutical work rewarding and fulfilling. “The most rewarding part to me is the challenge of the work,” he remarked. “It’s a continual challenge to stay up on all of the new medicines that are being developed because of ongoing research.”

Johnson’s favorite part of the pharmacy technology program at SJC is the practical, hands-on experience he gets through the clinical work off campus. “I am assisting pharmacists at a Target store right now, where I am gaining so much useful and practical knowledge about the retail side of the business,” he said. “During the Fall semester, I will participate in clinical work at a nearby hospital where I will gain valuable institutional experience.”

Whenever Johnson finishes his studies at the SJC South campus, he plans to transfer to either the University of Houston or Texas Southern University, where he will continue his pharmaceutical studies. His ultimate career goal is to be either a full-time pharmacist, or work as a pharmaceutical sales representative.

San Jacinto College offers pharmacy technology courses at the North and South campuses. The North campus is located at 5800 Uvalde Road in the North Channel area, and the South campus is at 13735 Beamer Road in Houston.

San Jacinto College pharmacy technician student Orrester Johnson learns proper procedures in one of the College’s state-of-the-art training labs.

Approximate annual wages for Pharmacy Technicians in Texas

Entry-level workers – $22,415 ($10.78 per hour)
Experienced worker – $32,439 ($15.60 per hour)
Median wage – $28,869 ($13.88 per hour)

Source: Texas Industry Profiles website
Like mother, like father, like son: Posey family studies respiratory care

By Andrea Vasquez

One of the most terrifying moments Teri Posey experienced as a mother was when her three-month-old son Mackenzie (Mack) stopped breathing in her arms. Nineteen years later, she, her husband, and Mack are now a part of the respiratory care medical field.

Teri graduated from high school and enrolled at San Jacinto College (SJC), but after her first year, she and her husband John found out they were expecting their first baby. Putting school on hold to work full-time, Mack was born in 1991. Growing up having asthma and allergies, the family spent a lot of time in doctors’ offices and administering his breathing treatments at home. In 2001, after years of frustration working retail, Teri decided to go back to school, enrolling in the SJC respiratory care program.

“I loved every minute of it,” she said. “I never looked back. Now I was on the other side of it. When I finally got to do clinicals, I felt absolutely prepared.”

Her husband John grew curious and would help her study at home. While she was at school, he stayed home with their three children. It wasn’t until he saw her first paycheck from the hospital she worked at as a student that he decided to enroll in the program himself. After Teri graduated in the Spring of 2003, John began classes the following Fall.

“I had been working various construction jobs up to then. I wanted a better life for my family, and seeing what Teri made just as a student- it wasn’t a hard decision to make,” he said. “Living the life we lived before we got our associate degrees is vastly different compared to how we live now after the two years each of us put in. It really turned our whole life around.”

Now following his parents’ footsteps, 19-year-old Mack is making his way into the industry. With both parents going through the program to become respiratory therapists, and managers of their hospital shifts, he’s had a great a head start. For him, it’s a stepping-stone to his career ambitions. Before even completing his first year, he began working for Bayshore Medical Center as an EKG technician.

“It’s great to see how you impact people’s lives on a daily basis,” he said. “When I interviewed for the position and told them I was in the respiratory program, they liked that because it meant they could have a respiratory therapist ready once I graduate.”

Mack hopes to pursue a medical career in cardiology or neurology.

continue to page 12
College expanding mental health program...  
continued from page 3

Lara said, “There are traditional day courses, and a new hybrid evening program for working students. Experience is priceless in medicine. I’ll also be able to make a decent living that will help me pay for school,” he said.

One of the biggest shifts the healthcare industry is pushing is better customer service. More hospitals are losing money not because of lawsuits or expertise but because of poor patient care.

Like mother, like father, like son....  
continued from page 11

“We are taught to treat the patient, not the monitor,” said Teri. “You learn to talk and listen to patients, keeping them aware of each step of the process. We got points off if we didn’t ‘say’ everything we were doing like washing our hands, checking monitors, and anything else in the procedure. They always reinforced these good habits with us, and it really helps you on the job with the growing emphasis on patient care and customer service.”

EMT students learn to handle critical medical issues  
continued from page 5

Graduate opportunities may also extend beyond the traditional EMS roles. Many graduates have continued into nursing through paramedic-to-nurse transition programs, such as those offered at San Jacinto College (see page 6). Graduates have also branched out into law enforcement, firefighting, occupational safety and health, health care administration, and education. Several graduates have become successful physicians. The EMS education enables graduates to pursue many career paths.

SJC sophomore student Daniel West chose the College’s EMT program because he has a desire to advance and excel. West has been working part-time for nearly 10 years with the city of La Porte’s Emergency Medical Service department, and has decided he wants to pursue EMT work full-time.

“We just love to help people, and I want to get to that next level,” he commented. “By that, I mean I want to be a ‘thinking’ paramedic – one that has compassion and really cares about a patient as a whole person. I chose San Jac for many reasons – the quality of the curriculum, the caring and skilled professors, and the overall dedication and professionalism of the program.”

West says there are intangible rewards to serving as a paramedic that money cannot buy. “On two different occasions I was part of a team that revived people who were in cardiac arrest,” he said. “There’s no feeling quite like that, just knowing that you did something to make a real difference for somebody. It brings a satisfaction that is better to me than financial rewards.”

West plans to earn an EMT associate degree in this Fall. “Earning the degree might increase my earning capacity, and the degree will be important because at some point in time I might want to be an EMT instructor, either full time or as an adjunct instructor,” he added.

San Jacinto College offers two-year associate degree EMT courses, as well as one-year certificate options at the North and Central campuses. A flexible training program is also available through the College’s Continuing and Professional Development division for incumbent EMT workers who want to upgrade skills, or keep their certification requirements current, or keep up with trends and developments. CF
surrounded by the monuments of history, industries and maritime enterprises of today, and the space age of tomorrow, San Jacinto College has been serving the citizens of East Harris County, Texas, for 50 years. The College is committed to the goals and aspirations of a diverse population of more than 29,000 students in over 140 degree and certificate options, including university transfer and career-track choices. Students also benefit from the College’s job training programs, renowned for meeting the needs of ever-changing industry in the region. San Jacinto College. Your Goals. Your College.

For more information about San Jacinto College, please call 281-998-6150, visit us at www.sanjac.edu, or find us on Facebook at www.facebook.com/SanJacintoCollege.

**SCJ Programs**

Your Community’s College

S

Neighborhoods

Surrounded by the monuments of history, industries, and maritime enterprises of today, and the space age of tomorrow, San Jacinto College has been serving the citizens of East Harris County, Texas, for 50 years. The College is committed to the goals and aspirations of a diverse population of more than 29,000 students in over 140 degree and certificate options, including university transfer and career-track choices. Students also benefit from the College’s job training programs, renowned for meeting the needs of ever-changing industry in the region. San Jacinto College. Your Goals. Your College.

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**ARTS & DESIGN**

Let your creative juices flow with a career in everything from art, communications, and dance, to English, music and visual communications. San Jacinto College has these programs and more, which can lead to a variety of career options.

- Art
  - Campus: C, N, S
  - Associate of Arts
- Audio Engineering
  - Campus: C
  - Associate of Applied Science
  - Certificate of Technology
- Broadcast Technology
  - Campus: C
  - Occupational Certificate
- Dance
  - Campus: S
  - Associate of Arts
- Theatre and Film
  - Campus: C, S
  - Associate of Arts
- Interior Design
  - Campus: C
  - Associate of Applied Science
  - Certificate of Technology
  - Occupational Certificate
- Music
  - Campus: C, N, S
  - Associate of Arts
- Speech
  - Campus: C, N, S
  - Associate of Arts
- Visual Communications
  - Campus: C, S
  - Associate of Applied Science
  - Certificate of Technology
- Welding
  - Campus: N
  - Occupational Certificate

**AUTOMOTIVE**

Traffic accidents happen and vehicles break down. Today’s collision repair and auto technicians are highly skilled, thanks to training received at San Jacinto College. We offer programs in auto collision repair, auto technology, and diesel technology, training you to enter this exciting career.

- Auto Collision Repair
  - Campus: N, S
  - Associate of Applied Science
  - Certificate of Technology
- Automotive Technology
  - Campus: C
  - Associate of Applied Science
  - Certificate of Technology
  - Occupational Certificate
- Diesel Technology
  - Campus: N
  - Associate of Applied Science
  - Certificate of Technology

**AVIATION**

The aviation program at San Jacinto College is the only public facility in Texas dedicated to the training of aviation students to become professional airline pilots. We also train you to become an aircraft dispatcher or to pursue a career in aviation management. The sky is the limit with the aviation program at San Jac!

- Aircraft Dispatcher
  - Campus: C
  - Certificate of Technology
- Aviation Maintenance Management
  - Campus: C
  - Associate of Applied Science
- Aviation Management
  - Campus: C
  - Associate of Applied Science
- Pilot Development
  - Campus: C
  - Associate of Applied Science
  - Certificate of Technology

**BUSINESS**

Business touches everything in our world. It’s behind the food we eat, the vehicles we drive, the clothes we wear — every product or service we consume is the result of a business somewhere organizing people, money, materials, and other resources to deliver that product or service to you. From chief executive officers (CEOs) overseeing worldwide organizations of hundreds of thousands of workers to receptionists answering phones, well-educated employees make businesses run more smoothly and profitably. This program prepares students for careers in agribusiness or for transfer into agricultural business, or agricultural economics programs.

- Accounting
  - Campus: C, N, S
  - Associate of Applied Science
  - Certificate of Technology
  - Occupational Certificate
- Agriculture
  - Campus: C
  - Associate of Science
- Business Administration
  - Campus: C, N, S
  - Associate of Arts
- Business Management
  - Campus: C, N, S
  - Associate of Arts
  - Associate of Applied Science
  - Certificate of Technology
  - Occupational Certificate
- Business Office Technology
  - and Software Specialist
  - Campus: C, N, S
  - Associate of Applied Science
  - Certificate of Technology
- Cancer Data Management
  - Campus: N
  - Associate of Applied Science
  - Certificate of Technology
- Executive / Administrative Assistant
  - Campus: C, N, S
  - Associate of Applied Science
  - Certificate of Technology
- Health Information Management
  - Campus: N
  - Associate of Applied Science
- International Business and Logistics
  - Campus: N
  - Associate of Applied Science
  - Certificate of Technology
  - Occupational Certificate
- Legal Administrative Assistant
  - Campus: C, N
  - Associate of Applied Science
  - Certificate of Technology
- Long Term Care Administration
  - Campus: C
  - Certificate of Technology
- Medical Administrative Assistant
  - Campus: C, N, S
  - Associate of Applied Science
  - Certificate of Technology
- Medical Billing and Coding
  - Campus: N
  - Certificate of Technology
  - Paralegal
  - Campus: N
  - Associate of Applied Science
- Real Estate
  - Campus: C, N, S
  - Associate of Applied Science
  - Certificate of Technology
  - Occupational Certificate
- Small Business Entrepreneur
  - Campus: C, N, S
  - Associate of Applied Science
  - Certificate of Technology
  - Speech
  - Campus: C, N, S
  - Associate of Arts

**Texas Median Wages**

- Public Relations Specialist - $40,000
  - Editor - $40,444
  - Interior Designer - $42,694
  - Graphic Designer - $40,208
  - Choreographer - $39,233
  - Broadcast Technician - $36,767
  - Sound Engineer - $33,851
- Service technician and mechanics - $47,517
  - Diesel engine specialist - $46,190
  - Body repair technician - $27,577
- Airline pilots, co-pilots, and flight engineers - $108,556
  - Aviation mechanic - $50,027
- Real Estate Broker - $64,919
  - Accountant - $59,196
  - Paralegal - $46,187
  - Executive Administrative Assistant - $39,977
  - Real Estate Sales Agent - $27,534
  - Medical Administrative Assistant - $35,724

For more information about San Jacinto College, please call 281-998-6150, visit us at www.sanjac.edu, or find us on Facebook at www.facebook.com/SanJacintoCollege.
## COMMUNICATIONS

Our communications programs are flexible and adaptable due to rapidly changing and emerging technologies. Our programs are appropriate for students interested in advertising or public relations, journalism or mass communications, radio and television broadcasting, speech and rhetorical studies, broadcast technology, or organizational communications. With a degree or certificate in communications from San Jacinto College, you can be on your way to a career in public relations, journalism, writing, or broadcasting!

<table>
<thead>
<tr>
<th>Audio Engineering</th>
<th>Broadcast Technology</th>
<th>Speech</th>
<th>Visual Communications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus: C</td>
<td>Campus: C</td>
<td>Campus: C, N, S</td>
<td>Campus: C, S</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
<td>Occupational Certificate</td>
<td>Associate of Arts</td>
<td>Associate of Applied Science Certificate of Technology</td>
</tr>
</tbody>
</table>

## COMPUTER INFORMATION TECHNOLOGY

Careers in computer information technology are forecast to be among the fastest growing occupations. This means that investments made today can pay off for years to come. In addition, updated training allows current computer professionals to maintain their competitive edge. Texas is home to world-class high-tech companies and smaller firms that create computer games, set up custom networks, service computer equipment or develop and manage websites. Our program can get you on your way to a career in IT.

<table>
<thead>
<tr>
<th>Business Office Technology and Software Specialist</th>
<th>Desktop Support and Network Administration</th>
<th>Programming</th>
<th>Simulation and Gaming Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
<td>Occupational Certificate</td>
<td>Associate of Applied Science Certificate of Technology</td>
<td>Certificate of Technology</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Multimedia Computer Animation</td>
<td>Security</td>
<td>Web Development</td>
</tr>
<tr>
<td>Campus: C, N, S</td>
<td>Campus: C</td>
<td>Campus: C, N, S</td>
<td>Campus: C, N, S</td>
</tr>
<tr>
<td>Associate of Arts</td>
<td>Certificate of Technology</td>
<td>Certificate of Technology</td>
<td>Certificate of Technology</td>
</tr>
</tbody>
</table>

## CRAFT TRADES

If you like to design and build things, tinker with tools and technology, or decorate homes and offices with flooring, paint, furniture, and art, then a career in one of these areas is just right for you!

<table>
<thead>
<tr>
<th>Air Conditioning Technology (HVAC)</th>
<th>Electronics Technology</th>
<th>Interior Design</th>
<th>Occupational Health and Safety Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus: N, S</td>
<td>Campus: C</td>
<td>Campus: C</td>
<td>Campus: C</td>
</tr>
<tr>
<td>Associate of Applied Science</td>
<td>Associate of Applied</td>
<td>Associate of</td>
<td>Associate of Applied</td>
</tr>
<tr>
<td>Certificate of Technology</td>
<td>Science Certificate of</td>
<td>Applied Science</td>
<td>Science Certificate of Technology</td>
</tr>
<tr>
<td>Occupational Certificate</td>
<td>Technology</td>
<td>Technology</td>
<td>Certificate of Technology</td>
</tr>
<tr>
<td>Engineering Design</td>
<td>Engineering Design</td>
<td>Engineering</td>
<td>Engineering Design</td>
</tr>
<tr>
<td>Graphics (Drafting)</td>
<td>Graphics (Drafting)</td>
<td>Engineering</td>
<td>Graphics (Drafting)</td>
</tr>
<tr>
<td>Campus: C, N</td>
<td>Campus: C</td>
<td>Engineering</td>
<td>Engineering Design</td>
</tr>
<tr>
<td>Associate of Applied Science</td>
<td>Associate of Applied</td>
<td>Design</td>
<td>Design</td>
</tr>
<tr>
<td>Certificate of Technology</td>
<td>Science Certificate of</td>
<td>Engineering</td>
<td>Engineering Design</td>
</tr>
<tr>
<td>Occupational Certificate</td>
<td>Technology</td>
<td>Engineering</td>
<td>Engineering Design</td>
</tr>
<tr>
<td>Instrumentation</td>
<td>Instrumentation</td>
<td>Engineering</td>
<td>Engineering Design</td>
</tr>
<tr>
<td>Campus: C</td>
<td>Campus: C</td>
<td>Engineering</td>
<td>Engineering Design</td>
</tr>
<tr>
<td>Associate of Applied Science</td>
<td>Associate of Applied</td>
<td>Design</td>
<td>Design</td>
</tr>
<tr>
<td>Certificate of Technology</td>
<td>Science Certificate of</td>
<td>Engineering</td>
<td>Engineering Design</td>
</tr>
<tr>
<td>Occupational Certificate</td>
<td>Technology</td>
<td>Engineering</td>
<td>Engineering Design</td>
</tr>
</tbody>
</table>

## CULINARY ARTS

Culinary artists are higher in the public consciousness than ever before. At first there were famous chefs, then cooking shows and magazines emerged. Now there are entire television networks, websites, and celebrity franchises dedicated to feeding the public’s affection for the culinary arts. Our program allows you to work within the industry while you build your education. You will receive basic training toward becoming a cook or apprentice chef, food service manager or dietician, or restaurant manager. The opportunities are virtually unlimited in this innovative, high-energy industry. Start at San Jac, and put yourself in the middle of the action.

<table>
<thead>
<tr>
<th>Culinary Arts</th>
<th>Dietetics and Food Services</th>
<th>Restaurant Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus: C, N</td>
<td>Campus: C</td>
<td>Campus: C</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
<td>Associate of Applied Science Certificate of Technology</td>
<td>Associate of Applied Science Certificate of Technology</td>
</tr>
</tbody>
</table>

## EDUCATION

Perhaps more than any other profession, the world needs educators. It has been said that great teachers do not decide on education as a career, rather they are called to it, which is why they are so highly valued in the eyes of society. If you feel an internal pull toward this field, your first stop should be San Jacinto College. This program is designed for those who want to have a profound, positive effect on society through our children.

<table>
<thead>
<tr>
<th>Child Development / Early Childhood Studies</th>
<th>Teaching Degrees</th>
<th>Child Care Program Administrator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus: C, N</td>
<td>Campus: C, N, S</td>
<td>Campus: C, N, S</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
<td>Associate of Arts in Teaching</td>
<td>Administrator</td>
</tr>
<tr>
<td>(various fields)</td>
<td>(various fields)</td>
<td>(various fields)</td>
</tr>
</tbody>
</table>

### Texas Median Wages*

<table>
<thead>
<tr>
<th>Field</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Relations Specialist</td>
<td>$54,096</td>
</tr>
<tr>
<td>Editor</td>
<td>$40,444</td>
</tr>
<tr>
<td>Graphic Designer</td>
<td>$40,200</td>
</tr>
<tr>
<td>Broadcast Technician</td>
<td>$36,767</td>
</tr>
<tr>
<td>Sound Engineering Technician</td>
<td>$31,851</td>
</tr>
<tr>
<td>News Reporter / Technician</td>
<td>$27,832</td>
</tr>
<tr>
<td>Correspondent</td>
<td>$29,545</td>
</tr>
</tbody>
</table>

### Texas Median Wages*

<table>
<thead>
<tr>
<th>Field</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network Systems and Data Communications Analysts</td>
<td>$73,632</td>
</tr>
<tr>
<td>Computer Programmer</td>
<td>$72,351</td>
</tr>
<tr>
<td>Computer Specialist</td>
<td>$60,905</td>
</tr>
</tbody>
</table>

### Texas Median Wages*

<table>
<thead>
<tr>
<th>Field</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineer</td>
<td>$75,732</td>
</tr>
<tr>
<td>Vendor</td>
<td>$54,119</td>
</tr>
<tr>
<td>Occupational Health and Safety Specialist</td>
<td>$37,600</td>
</tr>
<tr>
<td>HVAC Technician</td>
<td>$55,977</td>
</tr>
<tr>
<td>Mechanical Drafter</td>
<td>$48,722</td>
</tr>
<tr>
<td>Interior Designer</td>
<td>$42,894</td>
</tr>
<tr>
<td>Electrician</td>
<td>$39,966</td>
</tr>
</tbody>
</table>

### Texas Median Wages*

<table>
<thead>
<tr>
<th>Field</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chefs and Head Cooks</td>
<td>$37,551</td>
</tr>
<tr>
<td>Bakers</td>
<td>$20,300</td>
</tr>
<tr>
<td>Food Service Manager</td>
<td>$49,957</td>
</tr>
</tbody>
</table>

### Texas Median Wages*

<table>
<thead>
<tr>
<th>Field</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary School Teacher</td>
<td>$51,287</td>
</tr>
<tr>
<td>Elementary School Teacher</td>
<td>$40,768</td>
</tr>
<tr>
<td>Child Care Program Administrator</td>
<td>$30,901</td>
</tr>
<tr>
<td>Preschool Teacher</td>
<td>$20,705</td>
</tr>
</tbody>
</table>
GENERAL EDUCATION (The “Basics”)  
We’ve all heard of “the basics” but what does this actually mean? The Basics, sometimes called core curriculum, is required, regardless of your major. At San Jacinto College, we’ve put together specific plans to help you knock out these “basics” and apply them toward a variety of four-year degrees. The College also has strong partnerships with universities to ensure that your core curriculum is approved for transfer. You should check with the institution you plan to transfer to for specific requirements, but rest assured that San Jacinto College has your basics covered.

Art
Campus: C, N, S
Associate of Arts

Biology
Campus: C, N, S
Associate of Arts

Chemistry
Campus: C, N, S
Associate of Arts

Communications / Journalism
Campus: C
Associate of Arts

English
Campus: C, N, S
Associate of Arts

Environmental Science
Campus: C, N, S
Associate of Science

Foreign Language
Campus: C, N, S
Associate of Arts

Geology
Campus: C, N, S
Associate of Arts

Government / Political Science
Campus: C, N, S
Associate of Arts

History
Campus: C, N, S
Associate of Arts

Mathematics
Campus: C, N, S
Associate of Arts

Mexican American Studies
Campus: C, N, S
Associate of Arts

Philosophy
Campus: C, N, S
Associate of Arts

Physics
Campus: C, N, S
Associate of Arts

Psychology
Campus: C, N, S
Associate of Arts

Sociology
Campus: C, N, S
Associate of Arts

Campus: C, N, S
Associate of Arts

Texas Median Wages*  
Registered Nurse - $63,045  
Occupational Health and Safety Specialist - $57,600  
Physical Therapy Assistant - $56,714  
Fire Fighter - $44,157  
Emergency Medical Technician - $39,984  
Substance Abuse and Behavioral Disorder Counselors - $38,157  
Surgeon Technologists - $37,479  
Eye Care Technicians - $36,100**  
Massage Therapist - $32,284  
Medical and Clinical Laboratory Technicians - $32,039  
Medical Records and Health Information Technicians - $28,476  
** Source: Association of Technical Personnel in Ophthalmology

HEALTH SCIENCE
Everyone needs health care. From newborns to seniors, health care professionals are required to diagnose and treat various conditions using medical technologies while providing preventive care. Although everyone thinks of doctors and nurses when they contemplate careers in health care, there are hundreds of other specialties available including technicians, skilled support personnel, and scientists. As the baby boomer generation ages, demand for health services grows. If you feel a calling to care for others or want to pursue a profession on the cutting edge of technology, then one of these San Jac programs is right for you.

Cancer Data Management
Campus: N
Associate of Applied Science  
Certificate of Technology

Emergency Medical Technology (EMT)
Campus: C, N
Associate of Applied Science  
Certificate of Technology  
Occupational Certificate

Eye Care Technology
Campus: C
Associate of Applied Science  
Certificate of Technology  
Occupational Certificate

Health Information Management
Campus: N
Associate of Applied Science

Long Term Care Administration
Campus: C
Certificate of Technology

Massage Therapy
Campus: C
Certificate of Technology

Medical Administrative Assistant
Campus: C, N, S
Associate of Applied Science  
Certificate of Technology

Medical Assisting
Campus: N
Certificate of Technology

Medical Billing and Coding
Campus: N
Certificate of Technology

Medical Imaging and Radiography
Campus: N
Associate of Applied Science  
Certificate of Technology  
Occupational Certificate

Medical Laboratory Technology
Campus: C
Associate of Science  
Occupational Certificate

Mental Health Services
Campus: N, S
Associate of Applied Science  
Occupational Certificate

Nursing
Campus: C, N, S
Associate of Applied Science  
Certificate of Technology

Occupational Health and Safety Technology
Campus: C
Associate of Applied Science  
Certificate of Technology  
Occupational Certificate

Pharmacy Technology
Campus: N, S
Certificate of Technology

Physical Therapy Assistant
Campus: S
Associate of Applied Science

Respiratory Care
Campus: C
Associate of Applied Science

Surgical Technology
Campus: C
Associate of Applied Science  
Certificate of Technology

<table>
<thead>
<tr>
<th>Health Science Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cancer Data Management</strong></td>
</tr>
<tr>
<td>Cancer Data Management (Campus: N)</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
</tr>
<tr>
<td><strong>Emergency Medical Technology (EMT)</strong></td>
</tr>
<tr>
<td>Emergency Medical Technology (Campus: C, N)</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology Occupational Certificate</td>
</tr>
<tr>
<td><strong>Eye Care Technology</strong></td>
</tr>
<tr>
<td>Eye Care Technology (Campus: C)</td>
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<tr>
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<tr>
<td><strong>Health Information Management</strong></td>
</tr>
<tr>
<td>Health Information Management (Campus: N)</td>
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<tr>
<td>Associate of Applied Science</td>
</tr>
<tr>
<td><strong>Long Term Care Administration</strong></td>
</tr>
<tr>
<td>Long Term Care Administration (Campus: C)</td>
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<td>Certificate of Technology</td>
</tr>
<tr>
<td><strong>Massage Therapy</strong></td>
</tr>
<tr>
<td>Massage Therapy (Campus: C)</td>
</tr>
<tr>
<td>Certificate of Technology</td>
</tr>
<tr>
<td><strong>Medical Administrative Assistant</strong></td>
</tr>
<tr>
<td>Medical Administrative Assistant (Campus: C, N, S)</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
</tr>
<tr>
<td><strong>Medical Assisting</strong></td>
</tr>
<tr>
<td>Medical Assisting (Campus: N)</td>
</tr>
<tr>
<td>Certificate of Technology</td>
</tr>
<tr>
<td><strong>Medical Billing and Coding</strong></td>
</tr>
<tr>
<td>Medical Billing and Coding (Campus: N)</td>
</tr>
<tr>
<td>Certificate of Technology</td>
</tr>
<tr>
<td><strong>Medical Imaging and Radiography</strong></td>
</tr>
<tr>
<td>Medical Imaging and Radiography (Campus: N)</td>
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<tr>
<td>Associate of Applied Science Certificate of Technology Occupational Certificate</td>
</tr>
<tr>
<td><strong>Medical Laboratory Technology</strong></td>
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<tr>
<td>Medical Laboratory Technology (Campus: C)</td>
</tr>
<tr>
<td>Associate of Science Occupational Certificate</td>
</tr>
<tr>
<td><strong>Mental Health Services</strong></td>
</tr>
<tr>
<td>Mental Health Services (Campus: N, S)</td>
</tr>
<tr>
<td>Associate of Applied Science Occupational Certificate</td>
</tr>
<tr>
<td><strong>Nursing</strong></td>
</tr>
<tr>
<td>Nursing (Campus: C, N, S)</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
</tr>
<tr>
<td><strong>Occupational Health and Safety Technology</strong></td>
</tr>
<tr>
<td>Occupational Health and Safety Technology (Campus: C)</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology Occupational Certificate</td>
</tr>
<tr>
<td><strong>Pharmacy Technology</strong></td>
</tr>
<tr>
<td>Pharmacy Technology (Campus: N, S)</td>
</tr>
<tr>
<td>Certificate of Technology</td>
</tr>
<tr>
<td><strong>Physical Therapy Assistant</strong></td>
</tr>
<tr>
<td>Physical Therapy Assistant (Campus: S)</td>
</tr>
<tr>
<td>Associate of Applied Science</td>
</tr>
<tr>
<td><strong>Respiratory Care</strong></td>
</tr>
<tr>
<td>Respiratory Care (Campus: C)</td>
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<tr>
<td>Associate of Applied Science</td>
</tr>
<tr>
<td><strong>Surgical Technology</strong></td>
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<tr>
<td>Surgical Technology (Campus: C)</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
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<table>
<thead>
<tr>
<th>Texas Median Wages*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered Nurse - $63,045</td>
</tr>
<tr>
<td>Occupational Health and Safety Specialist - $57,600</td>
</tr>
<tr>
<td>Physical Therapy Assistant - $56,714</td>
</tr>
<tr>
<td>Fire Fighter - $44,157</td>
</tr>
<tr>
<td>Emergency Medical Technician - $39,984</td>
</tr>
<tr>
<td>Substance Abuse and Behavioral Disorder Counselors - $38,157</td>
</tr>
<tr>
<td>Surgeon Technologists - $37,479</td>
</tr>
<tr>
<td>Eye Care Technicians - $36,100**</td>
</tr>
<tr>
<td>Massage Therapist - $32,284</td>
</tr>
<tr>
<td>Medical and Clinical Laboratory Technicians - $32,039</td>
</tr>
<tr>
<td>Medical Records and Health Information Technicians - $28,476</td>
</tr>
<tr>
<td><strong>Source: Association of Technical Personnel in Ophthalmology</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Texas Median Wages*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardmers, Hair Stylists, and Cosmetologists - $22,923</td>
</tr>
<tr>
<td>Manicurists and Pedicurists - $18,820</td>
</tr>
<tr>
<td>Skin Care Specialists - $26,543</td>
</tr>
<tr>
<td>Massage Therapist - $32,284</td>
</tr>
</tbody>
</table>

HUMAN SERVICES
Helping other people look and feel their best is one of the most fulfilling career paths you can take. A life in cosmetology or massage therapy gives you this kind of satisfaction again and again, every day. There is no better way to enter the field than at San Jacinto College. Our programs can give you the training you need to become licensed by the state as a hair designer, facial specialist, nail technician, massage therapist, hair weaving and braiding specialist or cosmetology instructor. You will be prepared to work anywhere, from neighborhood salons to high-end day spas, or follow your dream and open your own business.

Cosmetology
Campus: C, N, S
Associate of Applied Science  
Certificate of Technology  
Occupational Certificate

Massage Therapy
Campus: C
Certificate of Technology

<table>
<thead>
<tr>
<th>Human Services Programs</th>
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</thead>
<tbody>
<tr>
<td><strong>Cosmetology</strong></td>
</tr>
<tr>
<td>Cosmetology (Campus: C, N, S)</td>
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<td>Associate of Applied Science Certificate of Technology Occupational Certificate</td>
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<td><strong>Massage Therapy</strong></td>
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<td>Massage Therapist - $32,284</td>
</tr>
</tbody>
</table>

LAW & PUBLIC SAFETY
A career in law and public safety is not always about screaming sirens, police chases, or flying bullets. It’s more often about the important daily duties of protecting and serving the public. If you have a calling to serve others, can keep a cool head under pressure, or just love the law, then let San Jacinto College train you in a number of areas that help make our communities and neighborhoods better places to live.

Criminal Justice
Campus: C, N
Associate of Arts  
Certificate of Technology

Emergency Medical Technology (EMT)
Campus: C, N
Associate of Applied Science Certificate of Technology Occupational Certificate

Fire Fighter
Campus: C
Associate of Applied Science Certificate of Technology

Legal Administrative Assistant
Campus: C, N, S
Associate of Applied Science Certificate of Technology

Occupational Health and Safety Technology
Campus: C
Associate of Applied Science Certificate of Technology

Paralegal
Campus: N
Associate of Applied Science

<table>
<thead>
<tr>
<th>Law &amp; Public Safety Programs</th>
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<tbody>
<tr>
<td><strong>Criminal Justice</strong></td>
</tr>
<tr>
<td>Criminal Justice (Campus: C, N)</td>
</tr>
<tr>
<td>Associate of Arts</td>
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<tr>
<td><strong>Emergency Medical Technology (EMT)</strong></td>
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<td>Emergency Medical Technology (Campus: C, N)</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology Occupational Certificate</td>
</tr>
<tr>
<td><strong>Fire Fighter</strong></td>
</tr>
<tr>
<td>Fire Fighter (Campus: C)</td>
</tr>
<tr>
<td>Associate of Applied Science Certificate of Technology</td>
</tr>
<tr>
<td><strong>Legal Administrative Assistant</strong></td>
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<tr>
<td>Legal Administrative Assistant (Campus: C, N, S)</td>
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<tr>
<td>Associate of Applied Science Certificate of Technology</td>
</tr>
<tr>
<td><strong>Occupational Health and Safety Technology</strong></td>
</tr>
<tr>
<td>Occupational Health and Safety Technology (Campus: C)</td>
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<tr>
<td>Associate of Applied Science Certificate of Technology</td>
</tr>
<tr>
<td><strong>Paralegal</strong></td>
</tr>
<tr>
<td>Paralegal (Campus: N)</td>
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<td>Associate of Applied Science</td>
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<table>
<thead>
<tr>
<th>Texas Median Wages*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paralegals and Legal Assistants - $46,187</td>
</tr>
<tr>
<td>Fire Fighter - $44,157</td>
</tr>
<tr>
<td>Emergency Medical Technician - $39,984</td>
</tr>
<tr>
<td>Social Worker - $30,198</td>
</tr>
<tr>
<td><strong>Other careers in criminal justice have varying salaries.</strong></td>
</tr>
</tbody>
</table>
SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)

New discoveries are made every day. Scientists, technologists, engineers, and mathematicians are pushing the boundaries of human knowledge by seeking to better understand and improve the world around us. San Jacinto College and help you push your boundaries with a degree in STEM. With a STEM degree from San Jac, you can transfer on to a four-year university and pursue your dream of exploring the vast galaxies of stars, or inventing the technologies that make our lives easier.

Planning to transfer? If you plan to move on to a four-year university, we offer a wide range of programs to prepare you. Before you register for classes, you should discuss your career goals with a San Jac academic advisor. We'll make sure you're selecting courses that meet the curriculum requirements of the university you plan to attend.

### Biology
Campus: C, N, S
Associate of Arts
Associate of Science

### Biotechnology
Campus: S
Associate of Science

### Chemistry
Campus: C, N, S
Associate of Arts
Associate of Science

### Engineering
Campus: C, N, S
Associate of Arts

### Engineering Design Graphics
Campus: C, N, S
Associate of Applied Science
Certificate of Technology
Occupational Certificate

### Environmental Science
Campus: C, N, S
Associate of Science

### Geology
Campus: C, N, S
Associate of Arts
Associate of Science

### Mathematics
Campus: C, N, S
Associate of Arts
Associate of Science

### Physics
Campus: C, N, S
Associate of Arts
Associate of Science

Check course offerings at www.sanjac.edu or call 281.998.6150 for more information.

Enroll NOW for Fall! Classes begin Aug. 29

- APPLY online at www.sanjac.edu
- SUBMIT your transcripts
- TAKE the required tests
- MEET with an advisor
- APPLY for financial aid (it’s free to apply!)
- ATTEND orientation
- REGISTER for class!

Invent yourself. Enroll today.

San Jacinto College
Your Goals. Your College.

Connect with us on:

Check course offerings at www.sanjac.edu or call 281.998.6150 for more information.
Available Fall 2011
With an associate degree in agribusiness or agriculture, students will explore the agriculture industry. This degree will encompass all areas of business and economics of agriculture including processing, storing, distributing, manufacturing, and selling of agriculture products. Fall classes begin Aug. 29. Enroll today!

Connect with us on
281-998-6150
www.sanjac.edu

• 100% employment rate for SJC students
• One of the top 10 “most wanted” careers*
• San Jac students average 100% pass rate for the national exam for the last 5 years (national average is 80%)
• The majority of our students are able to work part-time while completing the program

*www.bestcareer.com

+100% employment rate for SJC students
+One of the top 10 “most wanted” careers*
+San Jac students average 100% pass rate for the national exam for the last 5 years (national average is 80%)
+The majority of our students are able to work part-time while completing the program

Discover careers in Agribusiness!

Invent Yourself

Money doesn’t have to get in the way of your dreams. We provide a quality education at a fraction of the cost of universities. So now there really is no limit to who you can become. To learn about our areas of study, or to apply and enroll, visit sanjac.edu or call 281.998.6150. Financial aid is available.

Interested in a career as a physical therapist assistant?
We can teach you!

Connect with us on
281-998-6150
www.sanjac.edu

• 100% employment rate for SJC students
• One of the top 10 “most wanted” careers*
• San Jac students average 100% pass rate for the national exam for the last 5 years (national average is 80%)
• The majority of our students are able to work part-time while completing the program

*www.bestcareer.com
Fall classes begin
Aug. 29

Enroll today!
Registration is under way!

Central Campus
8060 Spencer Hwy.
Pasadena, TX 77505

North Campus
5800 Uvalde Road
Houston, TX 77049

South Campus
13735 Beamer Road
Houston, TX 77089

To find courses for the Fall 2011 term, visit
www.sanjac.edu/schedule.

Scholarships and financial aid available.
Apply, register and pay ONLINE at

www.sanjac.edu
281.998.6150

Connect with us on:  

Due to budget cuts at the state level, a printed class schedule will no longer be available on campus after Fall 2011. For the most up-to-date course information, please visit www.sanjac.edu/schedule.

An equal opportunity institution