San Jacinto College
Facilities and Construction staff

Bryan Jones
Associate Vice Chancellor
Facilities and Construction

Jessica Garcia
Sr. Administrative Assistant

Larry Logsdon
Director of Construction

Christy Golightly-Simmons
Sr. Administrative Assistant

Mike Harris
Facilities Coordinator

Bill Dowell
Director of Project Services

Don Netherton
Maintenance & Facilities Director

Gaynell Kendrick
Office Manager, Maintenance

Lori Adame
Administrative Assistant

Jill Jakob
Administrative Assistant

Jay Morris
District Support Services Manager, Maintenance

John Maslonka
Facilities Operations Manager, Central Campus

Josh Johnson
Facilities Operations Manager, North Campus

Ron Andell
Facilities Operations Manager, South Campus

Building foundations for learning

Welcome to the first issue of Building Foundations. Building Foundations is a product of San Jacinto College District’s Facilities and Construction department. With this newsletter we aim to educate, inform, entertain, and share with you on the inner workings and achievements of our department and the wonderful things this great group of people do from day to day at the college.

I’ve worn many hats in my career; from working at a power plant, chemical plants, refinery, hospital and have been very fortunate over time to progress picking up valuable new skills, knowledge, and meet fantastic individuals along the way and, I’m lucky to say, continue to do the same here at San Jacinto College and enjoying every minute of it. It is the hard work and dedication of many individuals that makes us great and as illustrated on our cover, we are a diverse department of many facets and great talents ready to put all of our hands in together to contribute to the vision of one college united at San Jacinto College.

Who are we? Facilities and Construction is a vast department consisting of many moving gears such as, plumbers, electricians, HVAC, locksmiths, custodial, grounds, utility, life safety, carpenters, painters, automotive, landscaping, facilities administration, planning programming, design, engineering, and project management. From tasks such as fulfilling maintenance requests to researching the detailed community demographics and building and site planning, we are the support that keeps up this wonderful machine.

We are building these foundations for a greater learning experience day to day effectively and efficiently for the students and staff of San Jacinto College.

Photo by: Andrea Vasquez
Avoiding unnecessary pain

Ginger Lambert
SJCD Safety Director

Using proper mechanics is important whether you are making one lift a day or dozens. Our back is of central importance to our lives at work and at home, so protecting it and treating it well will improve your ability to stay active and live a full life. We all carry and move items throughout the week, both at home and at work; skills and techniques you learn on the job should be carried over and actively used in the home/leisure environment. Follow these guidelines to help insure your back’s safety while lifting.

Begin any task of handling materials by assessing your load, how to carry it, and plotting a path to the object’s delivery point. Failure to do so could result in unwanted obstacles, obstructions, and surprises from point “A” to “B.”

GETTING STARTED

1. Assess and consider the size, load, and weight of your package. Size up its height, if the load is too large or an unusual shape, seek help. Bulkiness, shifting loads, and strange dimensions could increase the likelihood your vision would be impaired and lead to a trip, slip or fall.

2. If a load is beyond your capabilities alone or very repetitive, seek help from another or use a cart or other mechanical aid, possibly both depending on the distance to be traveled.

3. Consider wearing gloves to protect your hands. If the item is rough it could cause blisters, gloves offer protection and friction improving grip and control of your object. Make sure the gloves fit, loose or gloves that are too large may cause the lift to be more unsafe rather than help.

TIME TO MOVE

1. Be sure to get close to your package before lifting. Your goal is to make the lift close to waist height as possible; squat down if your package is at knee level or below and seek out a ladder if it is above shoulder height.

2. You should move as close to the load as possible when lifting and stay close during delivery, this way the core strength of your legs can be utilized make a safe lift.

Overreaching can result in a strain of your back.

3. Approach as close as possible to your final destination or unloading point. Always utilize your legs to lower a package.

WATCH YOUR PATH

Poor housekeeping has led to many materials handling injuries, pre-walk your intended path to look for possible obstacles. Remember to wear sturdy boots or shoes; they support your feet and protection from the environment.

Remember, no approach will completely eliminate back injuries. However, a substantial portion can be prevented by incorporating effective administrative and engineering controls.

For additional information or resources please contact the SJC Safety Office at 281-998-6183 or by emailing ginger.lambert@sjcd.edu.

Ginger Lambert is Safety Director of San Jacinto College District. Safety resource information contributed by www.cas-services.com.
CoVALENT BONDS

College welcomes new science facilities.

It's easy to say everyone likes something shiny and new, who wouldn't? The thrill and excitement that comes from taking your new car out on the road or the joy and pride from showing off all the bells and whistles of your new home to friends and family. With a majority of San Jacinto College District’s (SJCD) new constructions stemming from a 2008 bond referendum currently online or near completion designers and officials are excited to display all of their hard work.

In 2005, SJCD had a vision and developed a master plan to better service its local industry-rich community at large. The college saw an increased need for updated and state-of-the-art facilities; they were given the opportunity to bring that master plan into fruition after voters in 2008 approved a $295 million bond referendum.

As a part of the bond, SJCD focused on improving its science and allied health facilities district wide, requesting an addition to its current allied health facility on Central campus and the new construction of blended science/allied health buildings at the district’s North and South campuses. The college also had its 45-year-old and outdated Heinrich Science building on Central campus demolished and a new state-of-the-art science building placed on the southwest side of campus and looked to the experts at Bay Architects to design and bring their ideas into reality.

"We were able to work closely with the college early on and really get an accurate feel of what was needed in the new facilities," said Robert Trabandino, associate principal at Bay Architects. "We collaborated with science and nursing faculty, students, and staff on each campus to formulate functional areas for the programs."

THE DESIGN

To give the science/allied health buildings on each campus the proper aesthetics and functionality, the architect aimed to mimic the look and feel of surrounding industry but still matching that industrial look to each of the campuses own unique look and feel. On the Central science building, architects used a tall curtain wall of aluminum and glass as a sun shading system recalling some of local industrial design, and used red brick on the building to tie accents with the rest of the campus.

"We wanted to give it a hi-tech feel but still make the connection to the best of the campus," said Trabandino. "That stands true with the science/allied health on North and South campus too, we made sure the buildings tied into the unique aesthetics of each campus."

FUNCTIONALITY

Excluding the allied health addition on Central campus, each of the three buildings stand three stories high with similar layouts for student traffic and accommodate each program’s needs. In the North and South campus Science/allied health buildings, all multifunction classrooms, allied health and nursing programs are located on the first level; faculty offices and administrative areas on the second level; and all science labs are located on the third floor.

"It’s actually the newest thing they did with these science labs," said Dr. James Braswell, administrative dean of Central campus. "If there is a spill of some sort, vapor contamination in one of the labs, it highly reduces the risk of spreading to the lower levels of the building. There is also a vapor sniffing detector in the air conditioning that will flush the air immediately in the likelihood of such an event. It’s some spectacularly high-tech thinking for a great high-tech building."

THE FEATURES

Design wasn’t all work and no play; the architects also had some fun in designing the various nuances and features of the science/allied health buildings. In Central Science building, when visitors walk into the lobby they are greeted by a stunning three-story design of the periodic table.

"The periodic table at Central science is a great feature and homage to science but my favorite feature is on the North campus Science/Allied Health building," said Trabandino. "When you walk up to the entrance there you are met by a large three-story copper column outside with three rectangles the same size and another one that is one fourth the size of the other three, it’s 3.14 or more commonly known as Pi, which I think is really cool."

The South campus Science/Allied Health building unlike North and Central campus is slated to receive its own observatory and due to be completed in August of 2013. All science/allied health buildings also feature wall murals of Texas beaches.
A LITTLE REQUEST

Don Netherton
SJCD Maintenance and Facilities Director

Is the temperature of your room too warm or cold? Do you have a problem with a lock or cleaning issues and not exactly sure who to contact for help? We in the San Jacinto College Maintenance department are your resource to provide a clean, safe and comfortable teaching and learning environment.

Maintenance services include: event setups, heating/cooling, landscaping, locks and keys, pest control, recycling, carpentry, painting, plumbing, electrical and building repairs.

Non-emergency work requests such as burned out lights, custodial services, moving of boxes and furniture, missing ceiling tiles, equipment repairs, and rooms too hot or cold calls are submitted by email — maintenance.request@sjcd.edu. Maintenance requests received via email will receive a confirmation that the work order has been created.

When making a request, please supply the requestors name and phone number, campus, building, room or area where the work will be performed with a brief description of the work being requested. The work order system will notify the originator when the work order has been completed. Requests requiring leaks, natural gas smells, chemical spills or other items needing immediate attention on campuses can be addressed to extensions: 7105 North; 1854 Central; and 3411 South during class hours. For all weekend or after hour maintenance emergency requests please call 281-476-1820.

Facility managers located on each campus, Josh Johnson, North; John Maslonka, Central; and Ron Andell, South, are another great resource for help with maintenance issues. They are available to help and answer any questions concerning maintenance on campus.

Don Netherton is the maintenance and facilities director for San Jacinto College District.

PROCESSING YOUR MAINTENANCE NEEDS

EMERGENCY REQUEST: 281-476-1820

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<td>Submitted email is processed into ITA System and will send a confirmation that the request was received.</td>
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employees of the quarter
MARCH 2013

Top: San Jacinto College Associate Vice Chancellor of Facilities and Construction, Bryan Jones, honors March 2013 employees of the quarter March 21. Pictured, from left, Jones; Gaynell Kendrick, Maintenance Office Manager; Lori Adame, Administrative Assistant; and Jill Jakeb, Administrative Assistant.
Bottom: Associate Vice Chancellor of Facilities and Construction, Bryan Jones, honors San Jacinto College Grounds Utility September 2012 employees of the quarter. Pictured, from left, Adam Barber, Thaddeus King, Romuado (Victor) Guerra, Frank Valdez, and Jones.

OUT AND ABOUT
San Jacinto College Facilities and Construction employees keep active on campus. TOP: SJCD Grounds Supervisor, Jeff Tschappatt has some fun with Troy Freeman. LEFT: SJCD’s Lori Adame, Josh Johnson, and Jessica Garcia pose during the 2012 Golf Tournament. BOTTOM: SJCD Plumbing Supervisor, Kenneth Underwood gets in the thick of things repairing a water main.

IN THE SPOTLIGHT
Alvaro “Al” Ibarra
Maintenance Operations Specialist

Raised and resides in Pasadena.

Began with SJCD: Part-time in 2007 and moved to full-time in 2010 (6 years).


Hobbies: Likes to travel, explore new places, fix cars, party with friends, and explore new things to do (motorcycle riding, 4-wheeling, mud hoggin, flying, camping, etc.).

Daily motivation: “The will to reach my own goals and helping others reach their goals. I love helping people and people love helping me, so it all works out and the world goes round and round.”

What I like most about SJCD: The people, that’s what makes this an amazing place to work at.

Words of wisdom: “Never settle for less, always strive to reach your personal goals in life. As an example, my life has been a living mistake; I make mistakes often, but I learn from them. I have never given up on my dreams and I will reach them soon. I would love to study how to become a mechanical engineer at UT Austin, learn to fly planes, own my own business and so much more.”
TOP OF THEIR GAME

Durotech and college honored with APEX award.

Jacques Bourgeois
SJCD Facilities and Construction

HOUSTON — Not once, but twice the dynamic pairing of the San Jacinto College District (SJCD) and Durotech Inc. have combined their innovative forces to yield high honors and recognition from their colleagues. With Durotech’s dedication and valued code of integrity to “DO what we say, KEEP clients informed, WORK as partners, CREATE solutions, and STAND behind our work,” the Associated General Contractors of America (AGC)—Houston Chapter — honored the excellent work of Durotech and SJCD with the APEX 10 award for their collaboration on San Jacinto College’s Centr campus state-of-the-art Transportation Center. The duo also collaborated in 2004 and received the APEX 6 award for the construction of the Dr. Charles Grant Fine Arts Building on San Jacinto College’s North campus.

The APEX awards honor outstanding work in the industry, bringing notoriety to all contractors involved for their excellent work meeting the strict criteria for each category. All contractors are evaluated on the quality of workmanship, management process, safety records, timeliness, completion, budget, new technology, building’s contribution to community, difficulty of construction, and what makes their project unique.

For their recent completion of the state-of-the-art 92,000-square-foot Transportation Center on San Jacinto’s Central campus, the group was awarded the APEX 10 award for an Education build $10 to $25 million. The building was designed by Morris Architects.

“...Central campus, the group was awarded the APEX 10 award for an Education build $10 to $25 million. The building was designed by Morris Architects.

“...In all endeavors, Durotech has been forthright honest and trustworthy,” said Larry Logsdon, director of construction at San Jacinto College District. “Durotech delivers top-quality services in a timely manner and has partnered with San Jacinto College to provide the finest educational and instructional facilities that serve the students, faculty and staff. ... Their commitment to quality service, budget control and bringing projects in on schedule is highly commendable.”

Durotech worked closely with the design team, site personnel, subcontractors, and SJCD to understand the programming needs and expectation of the facility streamline the preconstruction process with a clear objective path for the team with a defined set of quality control measures.

Durotech worked closely with the design team, site personnel, subcontractors, and SJCD to understand the programming needs and expectation of the facility streamline the preconstruction process with a clear objective path for the team with a defined set of quality control measures.

In order to meet schedule requirements, the project was broken down into a site/off-site an building package that allowed for the infrastructure and key drainage elements to be put into place before the building phase. Durotech utilized a comprehensive safety training program with weekly on-site safety meetings with Durotech and subcontractor personnel, maintaining a reportable incident record of zero accidents on the project site. The Transportation Center was completed 20 days ahead of its scheduled delivery in time for a seamless transition for the start of the 2011 Fall semester.

The Transportation Center houses the Central campus Automotive Technology program. The facility contains 48 automotive diagnostic bays for the technical development of students. Each bay consists of a lab, diagnostic equipment, above and in-ground hydraulic lifts, tire balancers, alignment machines and adjacent classrooms with full internet, audio and video capabilities.