

*Igniting the Spark of Possibility*

**CENTER FOR INDUSTRIAL TECHNOLOGY**

**NAMING OPPORTUNITIES**



**SAN JACINTO<sup>SM</sup>**  
**COLLEGE**  
*Your Goals. Your College.*



## *Equipping the Future Workforce*

Because **change is a constant** in industry, San Jacinto College's **Center for Industrial Technology** at the North Campus matches today's classroom training to **tomorrow's workforce** needs. Graduates enter the workforce **ready to succeed.**

**OPENED IN 2017**, the 114,000-square-foot center features modern spaces with advanced labs and technology to prepare the next generation for these high-demand fields:

- **ADVANCED MANUFACTURING**
- **AIR CONDITIONING**
- **CONSTRUCTION MANAGEMENT**
- **DIESEL TECHNOLOGY**
- **ELECTRICAL TECHNOLOGY**
- **PIPEFITTING**
- **SHEET METAL**
- **WELDING**

Students earn everything from entry-level certificates for immediate employment to Associate of Applied Science degrees and enhanced certificates to stand out among job applicants.



## Partner with Us

Do you want to help students achieve their dreams while creating a stronger workforce and community? You can through naming opportunities for the Center for Industrial Technology, its labs, and more.

Financial gifts demonstrate leadership and ensure the center meets dynamic industry requirements. A menu of support levels allows you to give in a meaningful way as an individual or organization. Each gift will receive appropriate recognition on-site and throughout materials and media related to the center.



## Ensuring Career Readiness

**The Center for Industrial Technology** prepares students for sustainable jobs. Approximately 30% of students training at the facility are dual credit, graduating with career skills at the same time they earn their high school diplomas.

Welding technology is the College's largest technical program in the business and technology division, with more than 600 students enrolled per term. The center's welding facility includes 120 welding stations, most equipped with Lincoln Electric welding machines and a Lincoln Real Weld diagnostic tool, which give students real-time data to make them more efficient welders. Both the air conditioning and pipefitting technology programs have four-course occupational certificates so students can be job-ready in just one semester.

Training at the Center for Industrial Technology not only ensures career readiness but also gives students solid income potential. Even during economic downturns, industrial careers hold strong. What does this mean for San Jac's industrial technology graduates? With industries continuing to expand in the Gulf Coast region, job opportunities are limitless.

### WHAT ARE THE BENEFITS?

- Ensure the Center for Industrial Technology meets the dynamic requirements of business and industry
- Fund scholarships, professional development, and equipment
- Demonstrate community leadership of the highest level
- Receive name recognition in materials, media, and center-related activities
- Provide high-profile name recognition to students, the public, and other industry partners

*Thank you!*  
Your support helps students get the best industry training possible.



CENTER FOR INDUSTRIAL TECHNOLOGY

# NAMING OPPORTUNITIES



1

## 1 TITLE GIFT - NAMING THE CENTER FOR INDUSTRIAL TECHNOLOGY: \$2,000,000

The 114,000-square-foot Center for Industrial Technology sits prominently on Uvalde Road, directly across from the North Campus Welcome Center. With many drivers and campus visitors passing the building daily, name display on the building side facing Uvalde will ensure high visibility.

## 2 COMMONS AREA - 6,100 SF: \$750,000

The commons is the hub of the Center for Industrial Technology. This expansive lobby includes a grand staircase, entrances to both main hallways, benches, and 10 groups of tables and chairs, where visitors and students can mingle.



2



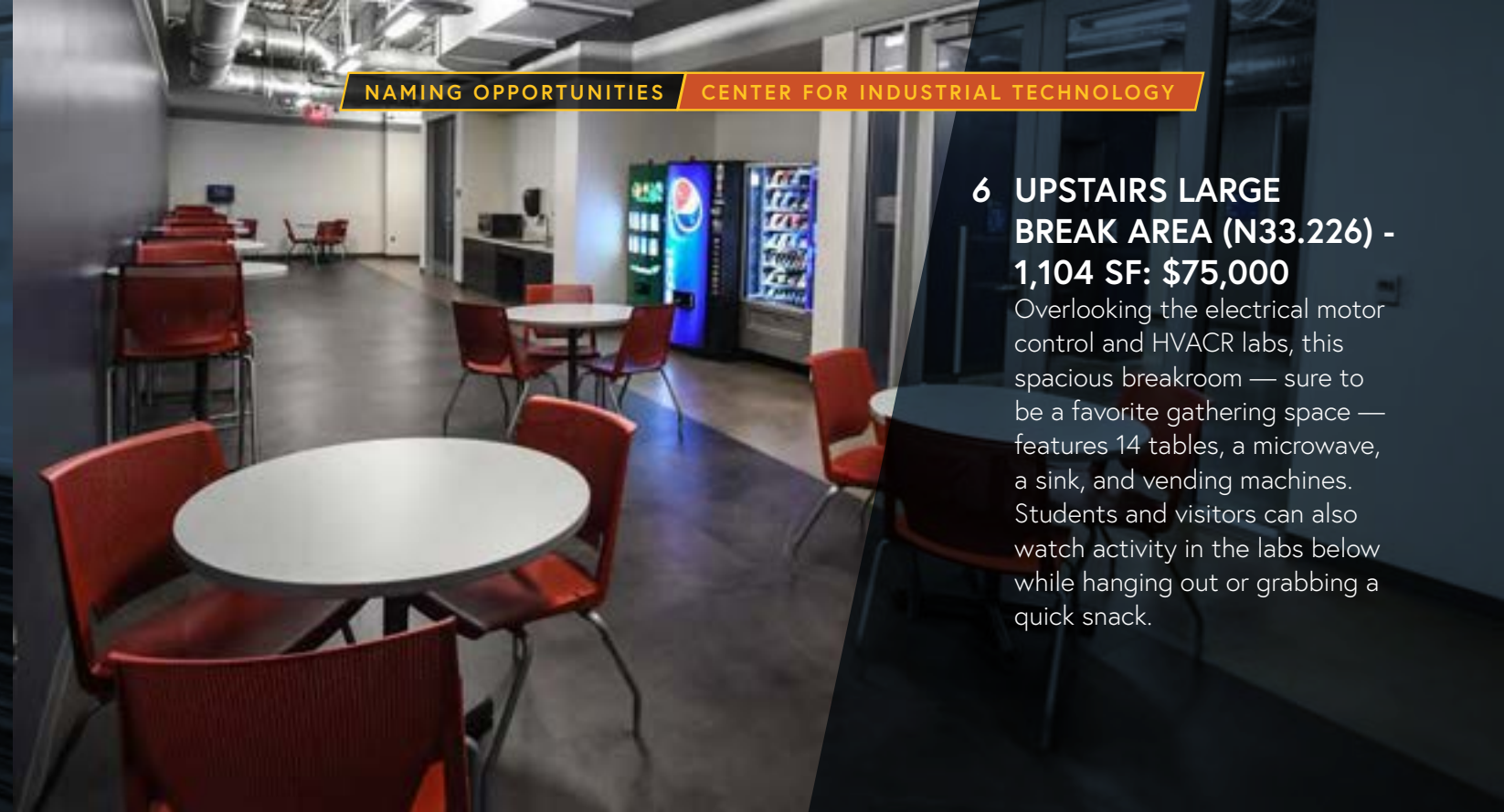
### 3 MULTIPURPOSE ROOM (N33.101) - 1,755 SF: \$250,000

This meeting space just off the commons seats up to 65 people and features two projectors and whiteboards for maximum presentation capability. The space also includes a prep room equipped with a sink, dishwasher, microwave, coffeemaker, icemaker, and full-sized fridge. Local organizations and industry partners host meetings in this space, providing donors high visibility with visitors.



### 6 UPSTAIRS LARGE BREAK AREA (N33.226) - 1,104 SF: \$75,000

Overlooking the electrical motor control and HVACR labs, this spacious breakroom — sure to be a favorite gathering space — features 14 tables, a microwave, a sink, and vending machines. Students and visitors can also watch activity in the labs below while hanging out or grabbing a quick snack.



### 4 FLOATING CONFERENCE ROOM (N33.203Y) - 434 SF: \$100,000

Used by key stakeholders, this upstairs meeting space features a whiteboard, projector, and large conference table with seating for up to 20. A room-length glass window overlooks the commons area below.



4

### 5 UPSTAIRS LOUNGE - 300 SF: \$100,000

In the landing area at the top of the grand staircase, this lounge features two tables and eight chairs for students to mingle or study.



5

### 7 UPSTAIRS SMALL BREAK AREA - 200 SF: \$50,000

This space includes 10 chairs for students to relax, study, and mingle between classes or labs.



7

### 8 ACTIVE LEARNING COMPUTER LABS (3) - 825-979 SF: \$75,000

Computer labs offer hands-on learning for 25-30 students. Each lab includes one computer station per student, a podium with an instructor computer, a document camera, a projector, and a whiteboard.



8

### 9 CLASSROOMS (16) - 741-788 SF: \$50,000

Flanked by tall windows for natural light, each classroom seats approximately 25-34 students and includes a projector, a document camera, a pull-down screen, a whiteboard, and a podium with instructor computer.



9

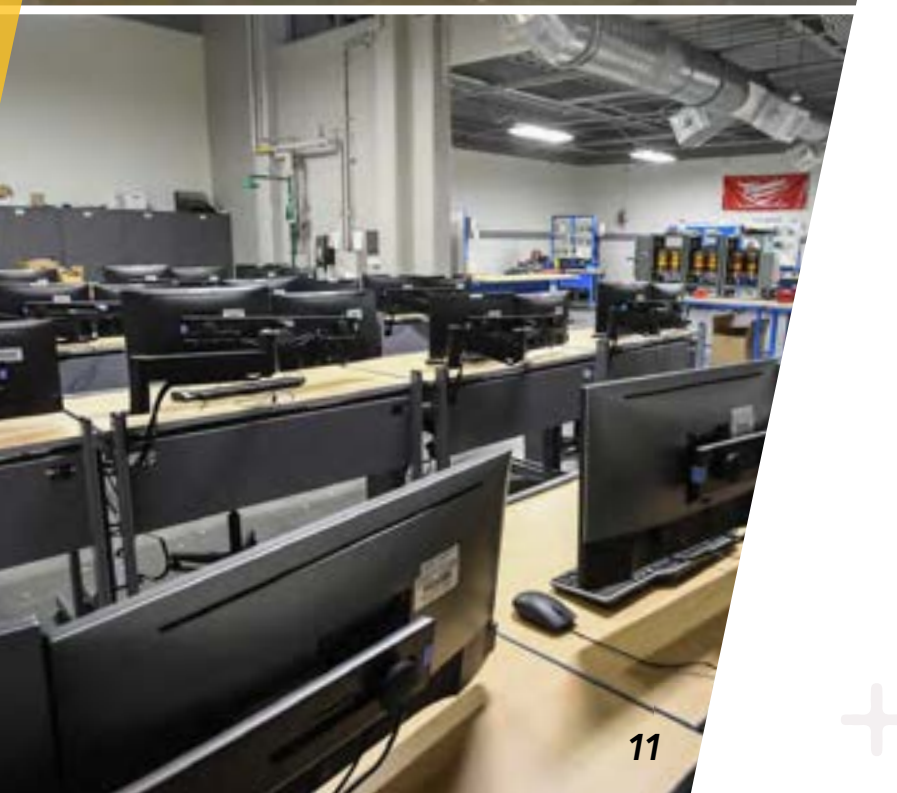
9



10

**10 ELECTRICAL WIRING LAB (N33.104) - 4,217 SF: \$125,000**

Students get hands-on training in residential and commercial wiring, practicing their skills on life-size steel and building frames. Commercial wiring students run conduits and install lighting fixtures, switches, fan controllers, and more, while residential wiring students learn to wire an entire home, including a dedicated kitchen area.



11

**11 ELECTRICAL MOTOR CONTROL LAB (N33.134) - 2,180 SF: \$100,000**

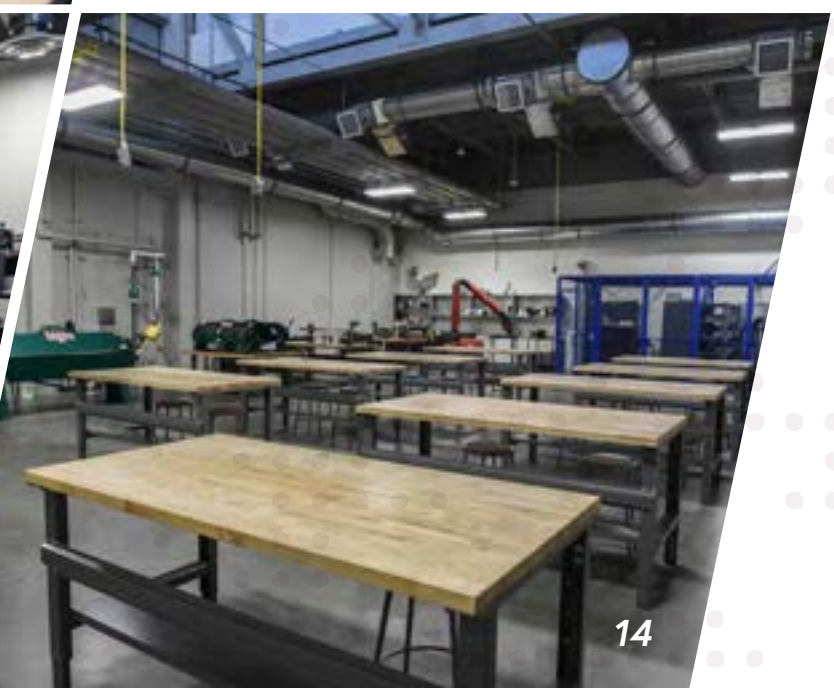
Students get troubleshooting training with the Amatrol electrical wiring learning systems and motor control systems equipment in this lab, which also features 16 CAD-equipped computers.

**12 ELECTRICAL PLC SKILLS LAB (N33.136) - 1,878 SF: \$100,000**

This lab contains four programmable logic controllers, 12 Amatrol electrical fabrication learning systems, and one electric relay control system.



12



14



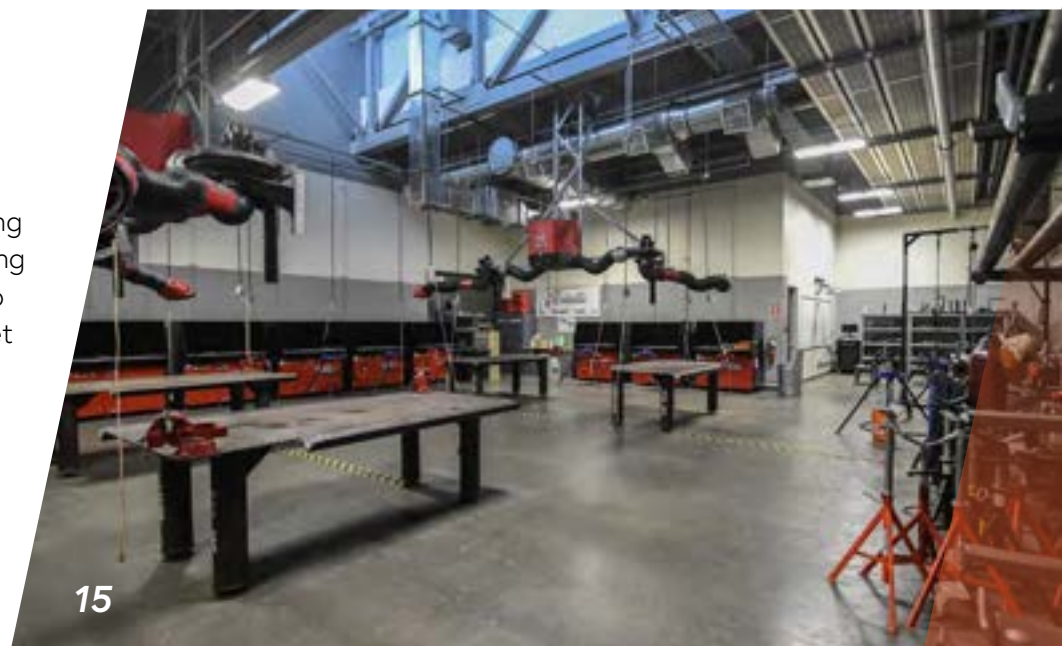
**13 ADVANCED MANUFACTURING LAB (N33.114) - 7,256 SQUARE FEET: \$150,000**

Centrally located off the commons area, this continuing and professional development lab is highly visible to most students and visitors. The lab offers non-credit training in manual machining, CNC, robotics, and PLC. It includes...

- HAAS CNC SIMULATORS
- HAAS CNC MILL AND LATHE
- DESKTOP EMCO MILL AND LATHE
- DESKTOP LAB VOLT CNC MILLS AND LATHES
- DRILL PRESSES
- VERTICAL AND HORIZONTAL BAND SAWS
- GRINDERS
- FANUC ROBOTS
- 3D PRINTER
- SIEMENS AND ALLEN BRADLEY PLC TRAINERS
- PRECISION MEASURING TOOLS AND HAND TOOLS
- LAPTOPS AND A HIGH-END DESKTOP

**14 SHEET METAL LAB (N33.103) - 2,533 SF: \$100,000**

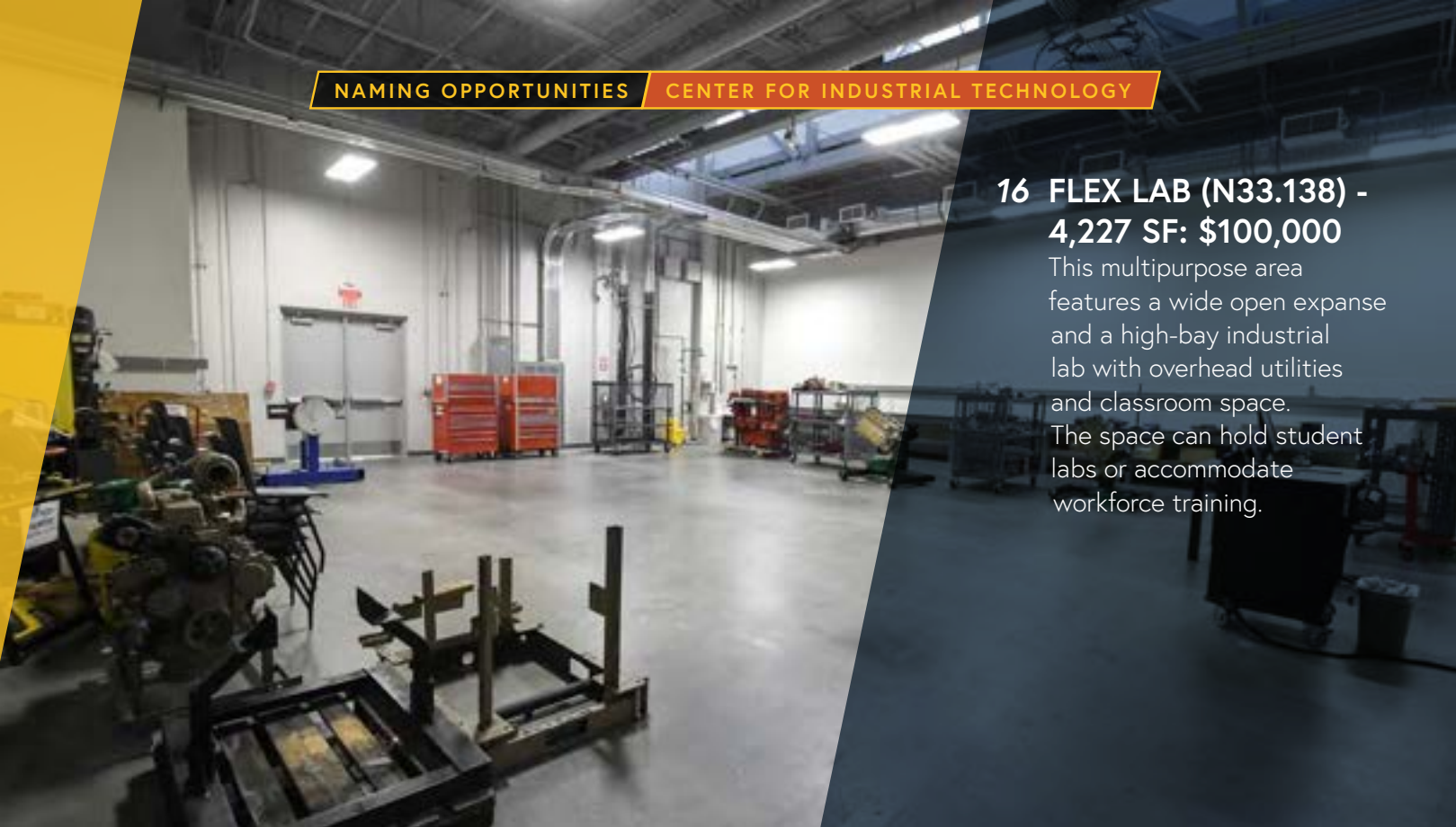
(photo on previous page) Featuring a large working bay, this continuing and professional development lab offers non-credit training for sheet metal apprentices. Equipment includes a 4-foot squaring shear, a six-foot 12-gauge brake, a four-foot 16-gauge bench top brake, easy edgers, a crimping roll, sheet metal rolls, 120- and 220-volt spot welders, a propane soldering stove, work benches, and a bench stake table.



15

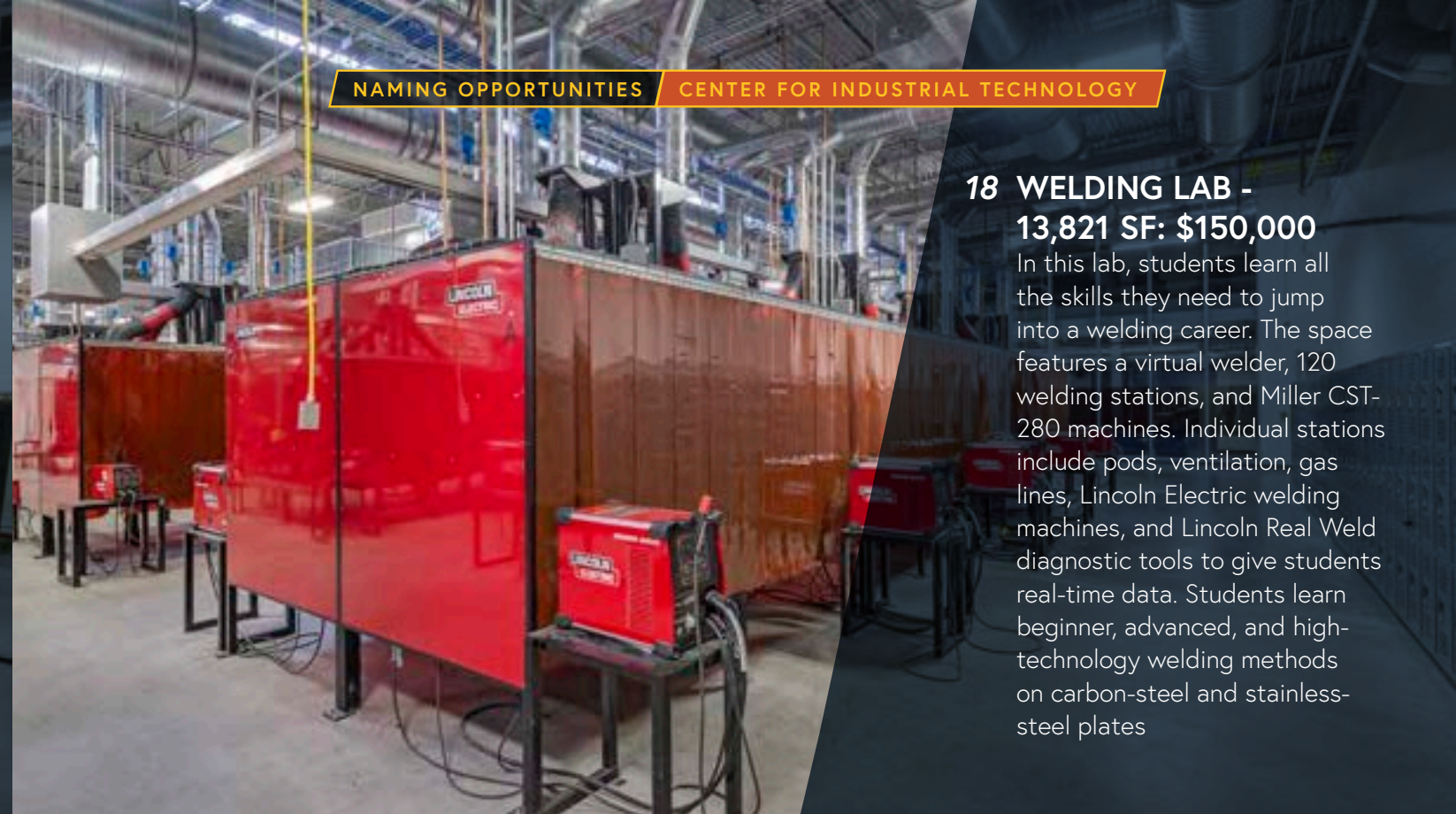
**15 PIPEFITTING LAB (N33.105) - 2,572 SF: \$100,000**

This lab features 12 downdraft fan stations, three bays, and a classroom area with seating, a whiteboard, and a projector to teach future pipefitters everything they need to know about the trade.



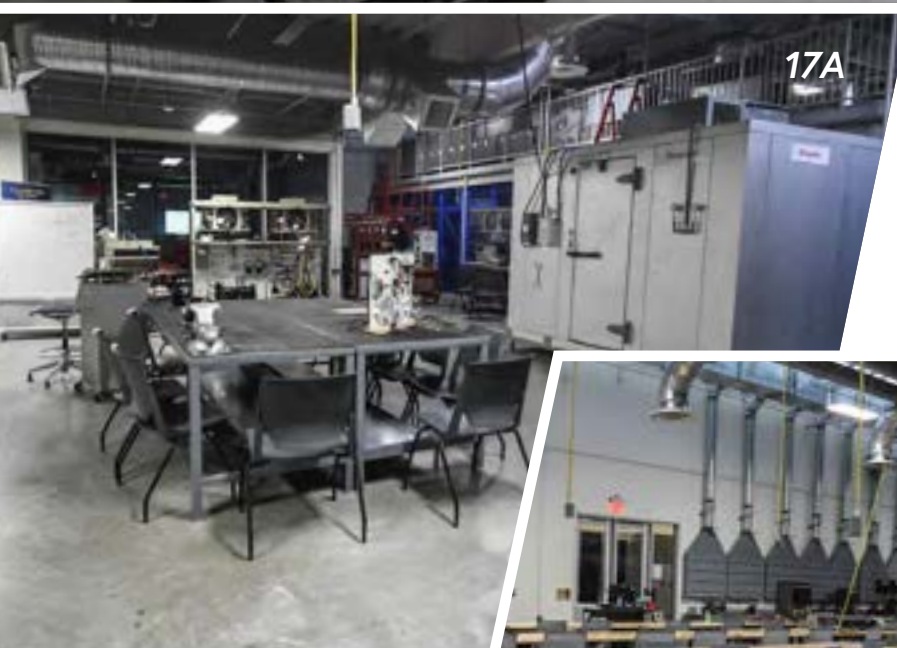
**16 FLEX LAB (N33.138) - 4,227 SF: \$100,000**

This multipurpose area features a wide open expanse and a high-bay industrial lab with overhead utilities and classroom space. The space can hold student labs or accommodate workforce training.



**18 WELDING LAB - 13,821 SF: \$150,000**

In this lab, students learn all the skills they need to jump into a welding career. The space features a virtual welder, 120 welding stations, and Miller CST-280 machines. Individual stations include pods, ventilation, gas lines, Lincoln Electric welding machines, and Lincoln Real Weld diagnostic tools to give students real-time data. Students learn beginner, advanced, and high-technology welding methods on carbon-steel and stainless-steel plates



17A

**17 HVAC LABS (3) - 7,562 SF TOTAL**

The three combined labs provide students with residential, industrial, and commercial HVAC and refrigeration skills and include trainers for demonstration and troubleshooting. Industry experts gave input on lab design to ensure students learn cutting-edge industry skills. All HVAC labs contain natural gas connections. The labs may be sponsored as a group or individually:

**17A REFRIGERATION LAB (N33.135) - 1,948 SF: \$100,000**

Used for refrigeration training

**17B HVAC LAB (N33.137) - 2,194 SF: \$100,000**

Used for heating and commercial air conditioning training

**17C MIXED-USE LAB (N33.139) - 3,420 SF: \$100,000**

Used for lectures and industrial air conditioning training



17B



17C

**19 OUTDOOR WELDING CAGE - 3,709 SF: \$50,000**

A spot every welding student visits regularly, the outdoor welding cage includes grinding tables and 28 grinding booths.



19

**20 WELDING BREAK AREA (N33.122) - 200 SF: \$50,000**

This breakroom sits just outside the welding lab, one of the highest-enrollment programs in the facility. With vending machines and seating for 11, it provides space for students to relax between classes.



20



## 21 DIESEL LAB (N33.140) - 9,817 SF: \$150,000

This lab features demonstration space for the latest troubleshooting simulators, diesel truck engines, and power generation equipment. The lab contains five trucks and a power generator. With four bays, the space can accommodate up to eight semi trucks. Students train in over-the-road and power generation diesel engines.

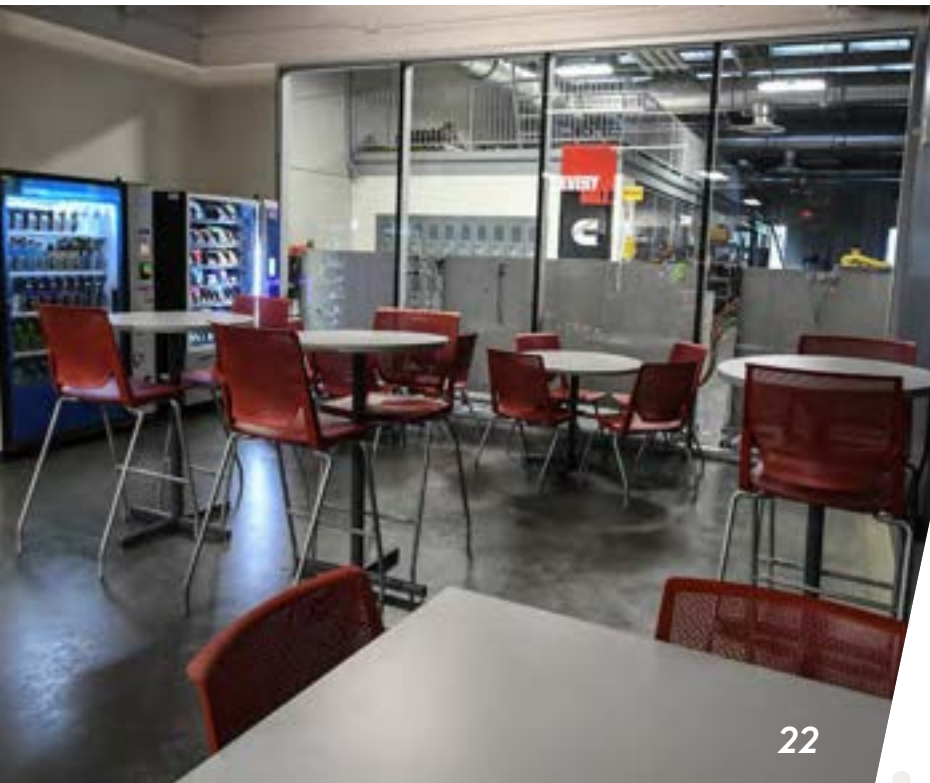


## Program Spotlights

As long as we need **shelter, heating/cooling, plumbing, and electricity**, we will always have careers in construction and the skilled trades. Houston boasts **more job opportunities** in these fields than skilled professionals to fill them. San Jacinto College's industrial programs **prepare students** not only to enter these fields but also to find **long-term career success**.

## 22 DIESEL BREAK AREA (N33.132) - 510 SF: \$50,000

This breakroom sits just outside the diesel lab. With nine tables and vending machines, the space draws students looking for a break between labs.





## Spotlight: Advanced Manufacturing

Advanced manufacturing is a non-credit offering through the continuing and professional development division. Students may choose from courses like...

- Basic Math for Manufacturing
- Blueprint Reading for CNC
- GD&T for CNC
- Geometry for Machining
- Hand and Power Tools for Machining
- Manual Machining
- Metals and Materials for CNC
- PMI for CNC



## Spotlight: Air Conditioning Technology (HVACR)

The heating, ventilation, air conditioning, and refrigeration industry continues to advance technologically, especially in computerization and sophisticated control systems. Today's service technicians need these advanced skill sets. San Jacinto College's program is perfect for students who are passionate about progressive technology and interested in a high-demand career.

The College provides a solid foundation while emphasizing troubleshooting and related service. Graduates can become state-licensed independent business owners/contractors or technicians in residential, commercial, and/or industrial air conditioning, refrigeration, and heating.

### CERTIFICATES/DEGREES:

- Commercial Air Conditioning Technology, Occupational Certificate
- Commercial Air Conditioning Technology, Certificate of Technology
- Commercial Air Conditioning Technology, Level 2 Certificate
- Commercial Air Conditioning Technology, Associate of Applied Science
- Residential Air Conditioning Technology Occupational Certificate
- Residential Air Conditioning Technology, Certificate of Technology
- Residential Air Conditioning Technology, Associate of Applied Science

HVACR mechanic and installer  
median annual salary, Gulf Coast region: **\$51,691** per year\*



Construction manager  
median salary, Gulf Coast region: **\$89,484** per year\*



## Spotlight: Construction Management Technology

Construction management technology is the field for students with a passion for building and a take-charge attitude. The program gives solid training in commercial and industrial planning. Students learn everything from the conceptual design stage to project organization, including pricing, procurement, cost scheduling, and implementation.

Courses cover specialized construction fields, such as civil, carpentry, mechanical, piping and plumbing systems, electrical/electronic, and building envelopes. Students also learn about legal contracts, codes, permit processes, state entities, and green building elements.

### CERTIFICATES/DEGREES:

- 4-Sector Specialty, Certificate of Technology
- 4-Sector Specialty, Associate of Applied Science
- Industrial Project Management Specialty, Certificate of Technology
- Industrial Project Management Specialty, Associate of Applied Science
- Construction Management, Certificate of Technology
- Construction Management, Associate of Applied Science

## Spotlight: Diesel Technology

Diesel technology careers are at an all-time high. The diesel technology program runs the spectrum in training — from engine testing and repair, electrical systems, and HVAC to power train, brake systems, safety, and more. In addition, the Associate of Applied Science degree gives business background to prepare students for corporate/management positions. Industry-leading companies recruit most students before graduation.

### CERTIFICATES/DEGREES:

- Heavy Diesel Power, Certificate of Technology
- Heavy Diesel Power, Associate of Applied Science
- Heavy Diesel Truck Trainee, Certificate of Technology
- Heavy Diesel Truck, Certificate of Technology
- Heavy Diesel Truck, Associate of Applied Science



## Spotlight: Pipefitting Technology

In a simulation fabricator shop, students get on the fast track to complete hands-on pipefitting fabricator training in one semester. Courses align with National Center for Construction Education and Research exams, giving students the best start to a career as a journeyman pipefitter or fabricator.

### CERTIFICATE:

- Occupational Certificate



Pipefitter median salary, Gulf Coast region: **\$56,182** per year\*

## Spotlight: Electrical Technology

With homeowners, builders, and businesses relying on electricians for repairs and new installations, the electrical technology program teaches a hands-on skill that is in demand throughout Houston. Students master everything from simple residential wiring to complex commercial and industrial power and controls for the area's petrochemical plants and business infrastructure. The program prepares students for journeyman and master electrical exams.

### CERTIFICATES/DEGREE:

- Commercial Electric Construction, Occupational Certificate
- Electrical Technology, Occupational Certificate
- Electrical Technology, Certificate of Technology
- Electrical Technology, Level 2 Certificate
- Electrical Technology, Associate of Applied Science
- Electrical Technology, Enhanced Skills Certificate
- Communications and Alternative Energy, Enhanced Skills Certificate



Electricians median annual salary, Gulf Coast region: **\$53,043** per year\*

## Spotlight: Welding Technology

Welding takes the talent of an artist, and students can learn that skill in one of the largest, best-equipped welding training facilities in the region. In the welding lab, students practice cutting, contouring, and beveling metal plates and structural shapes using torches, saws, shears, and other machine tools.

Students can choose from multiple certificate programs to gain entry-level skills for immediate employment or an Associate of Applied Science degree to prepare for manufacturing, industry, inspection, and management careers.

### CERTIFICATES/DEGREE:

- Art Welding, Occupational Certificate
- Stick Pipe Welder, Occupational Certificate
- Combination Welder, Certificate of Technology
- Gas Shielded Welding, Certificate of Technology
- Industrial Welder, Level 2 Certificate
- Associate of Applied Science



Welder, cutter, solderer, and brazer median salary, Gulf Coast region: **\$48,366** per year\*  
American Welding Society certification wages: Welder - **\$20.38** per hour\*\*

\*texaswages.com, Gulf Coast region, 2020  
\*\*American Welding Society Payscale Research, 2020

# *Igniting the Spark of Possibility*

## ABOUT SAN JACINTO COLLEGE

Surrounded by monuments of history, evolving industries, maritime enterprises of today, and the space age of tomorrow, San Jacinto College has served the people of East Harris County, Texas, since 1961. San Jacinto College is among the top five community colleges in

the nation, as designated by the Aspen Institute for Community College Excellence in 2021, and was named an Achieving the Dream Leader College of Distinction in 2020. The

College spans five campuses, serving approximately 41,000 credit and non-credit students annually, and offers more than 200 degrees and certificates across eight major areas of study that put students on a path to transfer to four-year institutions or enter the workforce.

San Jacinto College's impact on the region totals \$1.3 billion in added income, which supports 13,044 jobs. The College is fiscally sound, holding bond ratings of AA and Aa2 by Standard & Poor's and Moody's.



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