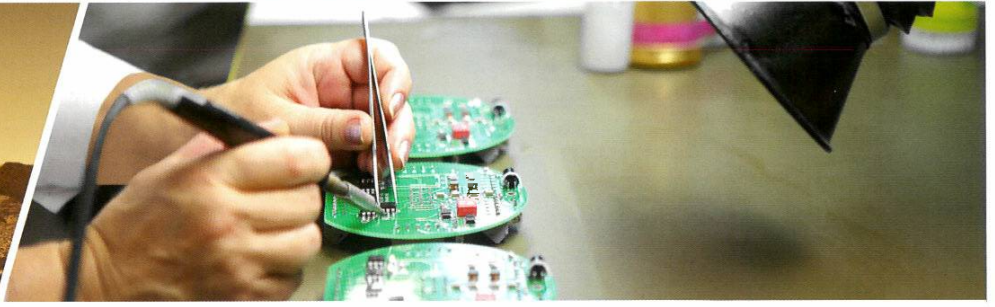
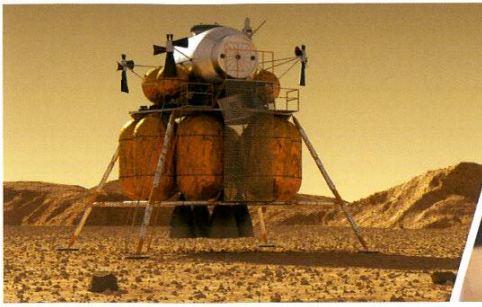




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ELECTRICAL TECHNICIAN

Electrical technicians work alongside electrical engineers. Electrical technicians use design plans to construct or repair electrical systems. They are trained to detect a potential problem with a design. They inspect products to ensure that electrical items are assembled properly and will work as expected. They build cable and wire harness assemblies. Course topics include:

- AC electricity
- Assembly of coaxial connectors
- Crimping terminals and splices
- DC electricity
- Electrical resistance test equipment
- Electrostatic discharge
- Fiber optics
- Foreign object debris
- Introduction to electric motors
- Introduction to electricity
- Introduction to wiring
- Potting
- Sensor technology
- Soldering/desoldering
- Solid state electricity

FOR MORE INFORMATION, CONTACT IT TECH AT 281-476-1830 EXT. 1

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

The San Jacinto College District is committed to equal opportunity for all students, employees, and applicants without regard to race, creed, color, national origin, citizenship status, age, disability, pregnancy, religion, gender, sexual orientation, gender expression or identity, genetic information, marital status, or veteran status in accordance with applicable federal and state laws. The following College official has been designated to handle inquiries regarding the College's non-discrimination policies: The following College official has been designated to handle inquiries regarding the College's non-discrimination policies: Vice Chancellor of Human Resources, 4624 Fairmont Pkwy., Pasadena, TX 77504; 281-991-2659; Sandra.Ramirez@sjcd.edu.

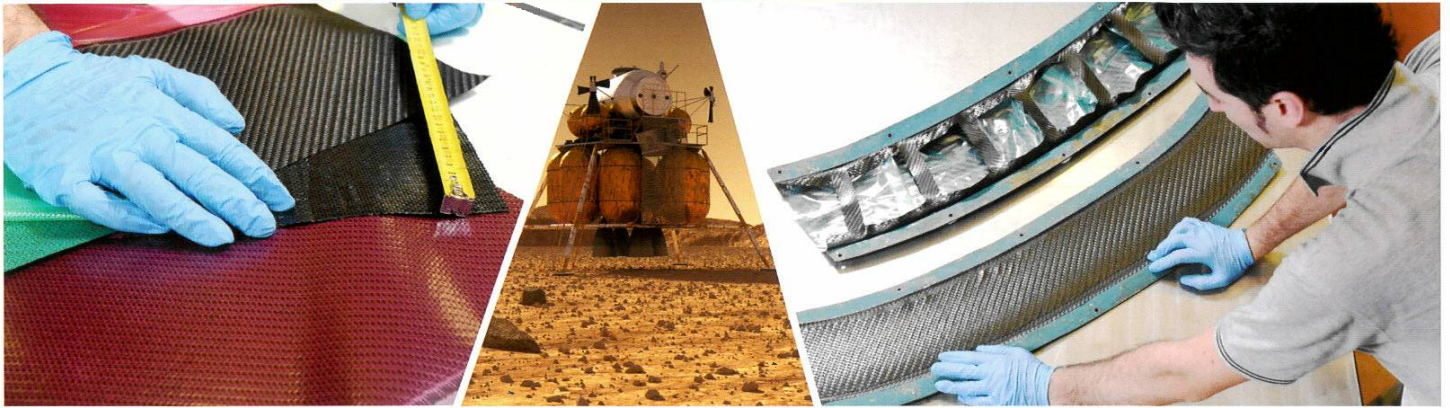
Workforce Solutions is an equal opportunity employer/program.
Auxiliary aids and services are available upon request to individuals with disabilities.
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Relay Texas: 1.800.735.2989 (TDD) 1.800.735.2988 (voice) or 711


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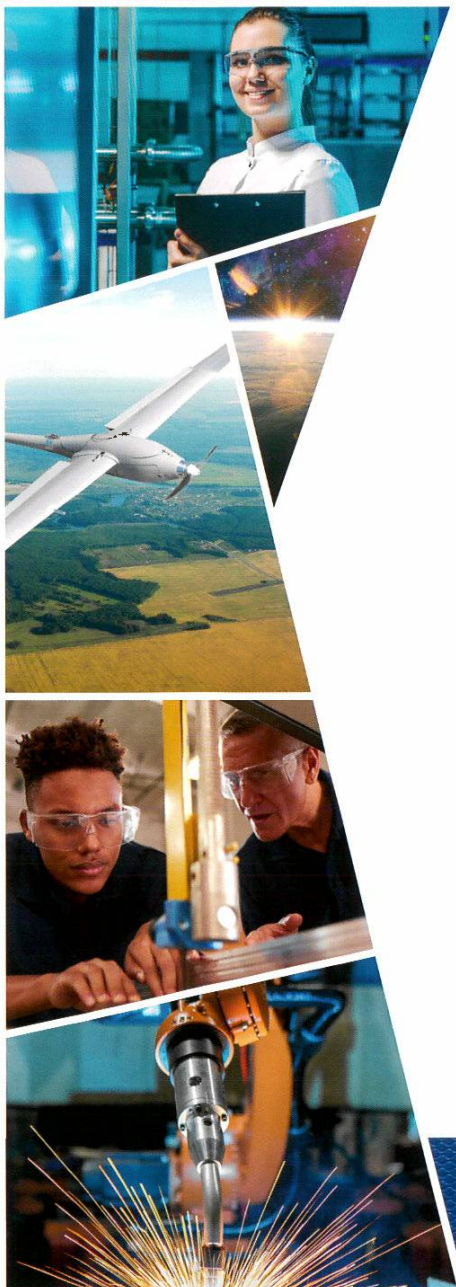
COMPOSITE MANUFACTURING TECHNICIAN

Composite materials are used in industries including aerospace, energy, medical, automotive, marine, and recreation to offer superior qualities of strength, weight, and flexibility in manufacturing. This program helps students to identify unique characteristics of composites and apply the fundamental and practical knowledge necessary to build and maintain composite structures. Course topics include:

- Composite material safety
- Types of composite materials
- Composite material tools
- Composite material manufacturing
- Drilling and cutting techniques
- Assembly operations
- Inspection and testing techniques

After successfully completing this course, students will be able to identify the unique characteristics of composites and apply the fundamental and practical knowledge necessary to build and maintain composite structures.

**FOR MORE INFORMATION, CONTACT AEROSPACE EDUCATION
AND WORKFORCE DEVELOPMENT AT 281-998-6150 EXT. 1187
OR AEROSPACE@SJCD.EDU**



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Program Eligibility

- Unemployed but work ready
- Must be 17 years or older
- U.S. Citizen or U.S. Eligible to Work
- Selective Service registration for male students

Format: Hybrid

Cost: 100% Wagner Peyser grant funded (Funds administered by Texas Workforce Commission)

Hours: Composite 145CH
Electrical 161 CH

Contact:

Mr. Kim Morris
kim@bayareahouston.com
832-536-3255

BayTech Wagner Peyser Grant

Composite Manufacturing Technician (145 CH)

Composite Materials Technicians work in many industries including aerospace, aviation, energy, and marine to provide materials that offer superior qualities of strength, weight, and flexibility in manufacturing products.

Course Topics Include:

Material Safety

Material Tools

Inspection Techniques

Types of Materials

Assembly operations

Drilling & Cutting

Basic Electrical Technician Program (161 CH)

Electrical technicians work with electrical engineers using design plans to construct or repair electrical systems. They can detect a potential problem with a design and inspect products to ensure electrical items are assembled properly and will work as expected. These technicians also work in many industries such as aerospace, aviation, energy, transportation and more.

Course Topics Include:

AC/DC

Cable and Connectors

Wire harnessing

Digital

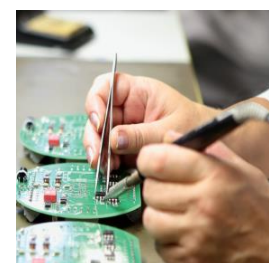
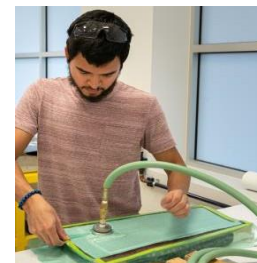
Analog

Circuit construction

NATIONAL CERTIFICATION

Both programs are certified by CertTEC. CertTEC has received accreditation from the International Certification Accreditation Council ([ICAC](http://www.icac.org)).

www.sanjac.edu/edge-center-aerospace



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