Pipefitting and Fabrication  
(MPIPEFIT)

Fast Facts About the Program

Type: Technical  
Degree/Certificate: Occupational Certificate  
Duration: One term

Program Information

Are you someone with a knack for building things? Do you require working with your hands to feel a sense of completion? Have you always been interested in the ways things are built? If so, let San Jacinto College help you build your career with a certificate in pipefitting. We offer pipefitting fabricator training on a “fast track” schedule, enabling students to finish courses in just one semester. The program prepares graduates to enter the construction industry as entry-level pipefitters or pipe fabricators.

The San Jacinto College pipefitting and fabrication program:

• Prepares students to fabricate, install, and maintain pipes that carry chemical products, steam, acids, and gases in manufacturing, commercial, and industrial settings.

• Teaches the mathematical operations necessary to calculate laying lengths of pipe fittings for fabrication, advanced pipe fabrication and pipe alignment for rotating equipment.

• Offers courses that include identifying, describing, applying, and maintaining steam traps, in-line specialties, special piping, hot taps, and valves.

• Covers skill development in motorized equipment, above-ground pipe installation valves, field routing and vessel trim, spring can supports, testing piping systems and equipment, basic plumbing, planning work activities, and non-destructive testing.

Career Opportunities

Graduates who obtain an Occupational Certificate in general install and maintain pipe systems in power and petrochemical plants, as well as heating and cooling systems in large office buildings.

Earning Potential

Pipefitter median salary: $51,325 per year*  
*Source: texasswages.com, Gulf Coast region

For More Information

Call Center: 281-998-6150  
General Email: information@sjcd.edu

San Jacinto College North  
5800 Uvalde Road  
Houston, TX 77048  
Contact: 281-459-7178

An equal opportunity institution

Revised 4/2015
### Pipefitting/Fabricator Technician (MPIPEFIT)

** Marketable Skills Achievement Award**

<table>
<thead>
<tr>
<th>First Term</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFPB 1308 Basic Pipefitting Skills</td>
<td>3</td>
</tr>
<tr>
<td>PFPB 2333 Pipefitting: Advanced Fabrication and Installation</td>
<td>3</td>
</tr>
<tr>
<td>PFPB 1343 Pipefitting Fabrication and Blueprint Reading</td>
<td>3</td>
</tr>
<tr>
<td>PFPB 2332 Advanced Pipefitting Standards, Specifications, and Installation</td>
<td>3</td>
</tr>
</tbody>
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**Marketable Skills Achievement Award Total** 12

**Capstone Experience: PFPB 2333**

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*Note: For complete program descriptions, please refer to the San Jacinto Community College District Catalog online at www.sanjac.edu/catalog.*