

The Career Certificate (C.C.) in Welding Technology prepares students for careers in many areas including shipbuilding, paper mills, power plants, aerospace, automobile manufacturing and construction.

Expert hands-on training provides the necessary skills for a successful career, and for thousands less than the for-profit tech schools.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Complete an academic degree plan with your program advisor.
<input type="checkbox"/> Follow up with an advisor about any prior credits that you may have earned (e.g., coursework, military experience, work experience, licensure/certification exams, etc.).
<input type="checkbox"/> Satisfy the career certificate graduation requirements.

## Career Options

You will attain the knowledge and skills needed for such career options as Welder, Fabrication Welder, Welder Helper, Marine Pipe welder. **Related Career Pathways** include the following: Welding Apprentice or Welders, Cutters, Solderers and Blazers.

**Note:** If you are considering employment in a state other than Florida, please visit <https://www.fscj.edu/academics/license-disclose> to determine if this program will meet the selected state's requirements to sit for licensure or certification testing.

## Articulation

Upon successful completion of the program, students may receive articulated college credit toward the Industrial Management Technology (A.S.) degree.

## Adult Basic Skills

Adult Basic Skills are a major criterion in students' completion of the program. For additional information, please see an advisor.

## Advising

(904) 633-8292 or [trades@fscj.edu](mailto:trades@fscj.edu).

## Sample Roadmap

This roadmap provides general guidance about required courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog and class schedules for additional information. **Full-time students** will refer to the term-by-term recommendations, and **part-time students** will take courses in the order listed.

**Note:** The listed numbers of weeks per course are estimated. Actual numbers of weeks per course may change significantly.

### Term 1: Fall

<input checked="" type="checkbox"/>	Course: Course Title	Contact Hours	Weeks Per Course
<input type="checkbox"/>	PMT 0070: Welder Assistant I	75	2.5
<input type="checkbox"/>	PMT 0070L: Welder Assistant I Lab	75	2.5
<input type="checkbox"/>	PMT 0071: Welder Assistant II	50	2
<input type="checkbox"/>	PMT 0071L: Welder Assistant II Lab	100	4
<input type="checkbox"/>	PMT 0072: Welder SMAW I	50	2
<input type="checkbox"/>	PMT 0072L: Welder SMAW I Lab	100	2
<input type="checkbox"/>	PMT 0073: Welder SMAW II	50	2

### Term 2: Spring

<input checked="" type="checkbox"/>	Course: Course Title	Contact Hours	Weeks Per Course
<input type="checkbox"/>	PMT 0073L: Welder SMAW II Lab	100	4
<input type="checkbox"/>	PMT 0074: Welder	225	9
<input type="checkbox"/>	PMT 0074L: Welder Lab	225	9

## Total Program Hours

Students considering a Career Certificate in **Welding Technology** should be aware that the program requires **1050 contact/clock hours** that must be completed and documented. Students should also understand and accept the attendance requirements prior to enrolling in this career certificate program. This career certificate program **is eligible** for financial aid.

## Important for You to Know

**Full-time day program** classes begin in the Fall Term and are held Monday through Thursday, 7 a.m.-4 p.m., for 8 months. **Part-time evening program** classes are held Monday through Thursday, 5 p.m.-9 p.m., for 16 months. The curriculum for both programs is identical.

## Program Learning Outcomes

Upon completing this program, students will:

- Be able to fabricate metal into various forms for functional use from blueprints and shop drawing
- Be able to weld plate and pipe, steel and aluminum, pipe on steel and aluminum
- Be able to use various processes and techniques of oxyacetylene cutting (OFC), shielded metal arc welding (SMAW), gas metal arc welding (GMAW), flux cored arc welding (FCAW) and gas tungsten arc welding (GTAW)
- Be qualified for a position as an entry-level welding technician.