



Careers in Welding

<https://youtu.be/YuKDH4NtKjg>



2022

californiaweldinginstitute.org

WHO WE ARE



- Mariana Ludmer. Operations Manager & Welding Instructor.
- George Rolla. Founder & Lead Instructor. 45 years in welding.
- **George received the AWS Private Instructor of the Year Award 2022**



- Approved by the BPPE and VA
- AWS Educational Institution Member
- AWS Accredited Testing Facility



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1. Great Job Opportunities

- Welding is a skill that can be applied to many industries and construction trades:
 - Manufacturing
 - Steel Fabrication
 - Construction (building trades)
 - Equipment Repairs
 - Pipeline construction and maintenance
 - Aerospace
 - Ship building
 - Food/Beverage/Pharmaceuticals
 - Motorsports / Automotive
 - Industrial Plant Maintenance
 - Welding Inspection
 - Welding Engineering
 - Welding Educator





Manufacturing





Steel Fabrication





Equipment Repairs

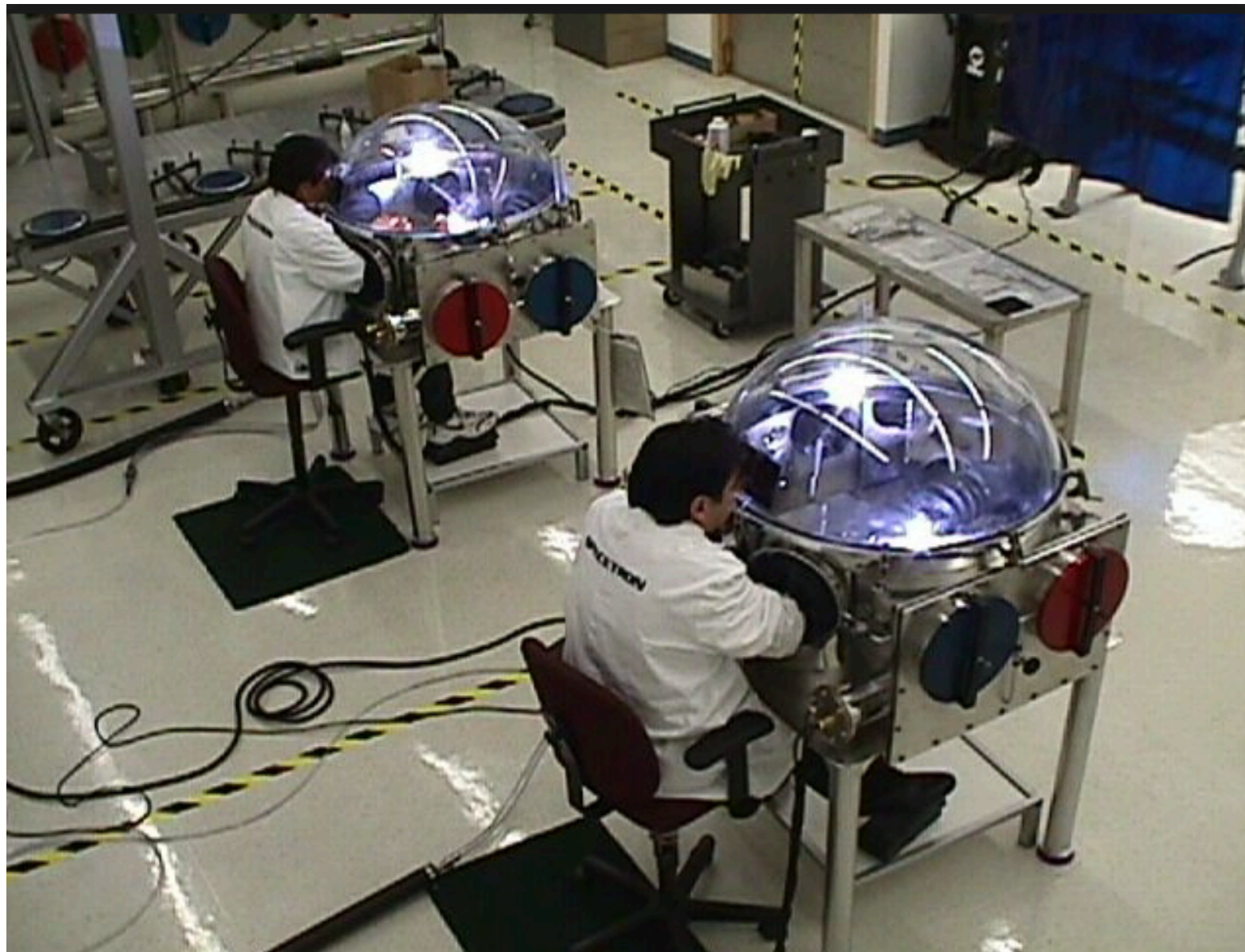
Pipeline



Fabrication (left photo)



Maintenance (right photo)



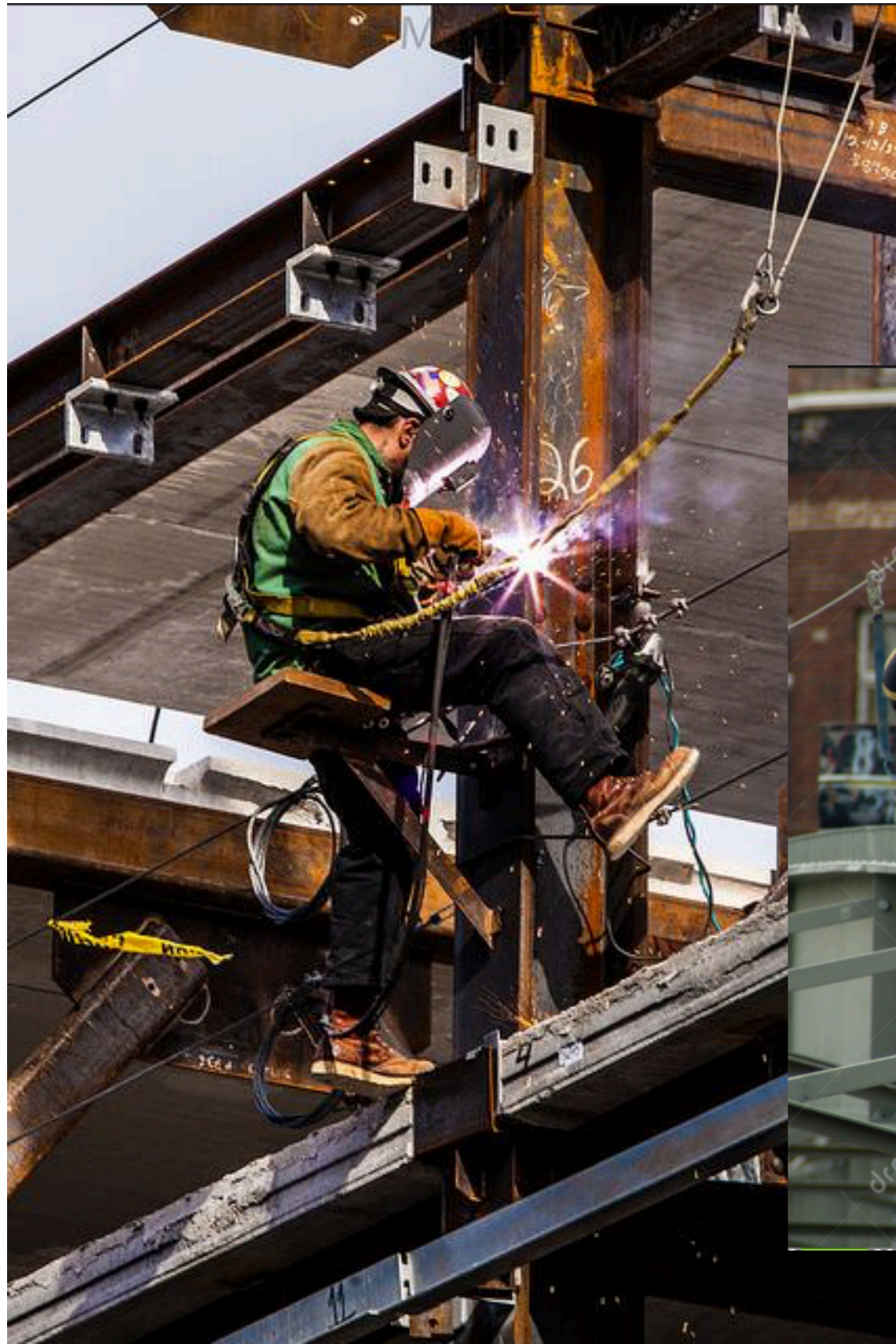
Aerospace





Ship building

Construction



2. High Paying Jobs & Always in Demand

- Estimated welding workforce gap: 400,000 welding professionals by 2020
- Journeyman Prevailing Wages : over \$70/hr
- Entry level jobs, basic skill level, no certifications: \$15/hr-\$18/hr
- Entry level jobs, intermediate skill level, certified welder: \$20/hr - \$25/hr
- Certified Welder, advanced skill level (multiple certifications):\$30/hr-\$45/hr
- Experienced, Certified Rig welders: \$85/hr - over \$100/hr

The trades are in dire need of certified welders!

3. Welding Does Not Necessarily Require a College Degree



Employers want
skilled welders,
not degrees

Certified Welders
are in high demand
and
earn more \$

Majority of welding jobs will require that you pass a practical welding test.

4. Become a Professional Welder

Traditional Path: Community College

9 mos to 2 yrs programs

General welding education

Some colleges offer certifications

Geared towards entry-level jobs

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Pros:

- 1) FAFSA available
- 2) College credits for university degrees (e.g welding engineering)

Cons:

- 1) Large classes, high instructor-student ratio
- 2) Classroom lectures & lab work
- 2) Non-Career specific education
- 3) Instructors skill levels vary widely (many lack on-the-job welding experience)

4. Become a Professional Welder

Union Apprenticeship Programs

up to 5 yrs programs

specialized for the trades

union membership and benefits

Earn certifications

Pros:

- 1) Path to journeyman wages
- 2) Work and earn money as you train
- 3) Full benefits

Cons:

- 1) Long wait lists
- 2) Long path to journeyman wages (5 years)
- 3) Large classes/high instructor-student ratio

4. Become a Professional Welder



Fast-Track Path: Private Education

8 weeks courses

24 weeks - Career Specific Courses

class twice a week - work part time

Earn Multiple Certifications

ALL HANDS-ON ! Lecture happens in the lab, while welding

Pros:

- 1) All hands-on Training
- 2) Fast-Track & Specialized Career Training
- 3) Low student per instructor ratio
- 4) Instruction provided by expert welders

Cons:

- 1) Financial aid limited to Scholarships, Grants and private loans (No FAFSA)
- 2) Requires personal interview for admittance

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6. Financial Aid available to our students

- 1- Scholarships
- 2- Riverside County Workforce Grants
- 3- Loans through Meritize

go to <http://www.socalwelding.com/financing.html> for more information on financial aid and scholarships

5. Career Outlook

Once you become an experienced welder, career advancement continues:

Fabrication
Owner

Welding
Contractor

Shop
Foreman

Welding
Inspector

Welder

Welding
Instructor

NDT
Technician

Research

Welding
Engineer