

# CAREER TECHNICAL EDUCATION TRANSITION GUIDE WELDING

## 8TH-9TH GRADE

### Career Awareness & Exploration Options

To sign up for career awareness events, see your counselor or College & Career Center.

8th Grade Career Exploration Electives

CTE Roadshows, STEAM Day, Career Showcase events

CTE Summer Camps (July)

Take the College & Career Seminar Class 9th/10th-grade year or start a high school CTE Pathway

Take a Career Test  
[CA Career Zone](#)  
[CA Colleges](#)

## 10TH-12TH GRADE

### Career Preparation Options

Take 2 years of a Welding pathway or a related ROP/Community College class

Join career-ed after-school programs. Programs are 13 weeks, days and times vary.  
[After-School Programs](#)

Career Expo

Attend workshops hosted by your College & Career Center. Workshops include: resume writing, interview skills, career-themed guest speakers, financial aid, scholarships, and more!



**SCAN ME**  
for program links and pathway info



# POST SECONDARY

## Career Training Options within 60 miles

### Community College (6 months to 2 years)

Ventura College	Welding Technology, AS	<a href="https://bit.ly/3PdCGiK">https://bit.ly/3PdCGiK</a>
Los Angeles Pierce College	Gas & Electric Welding, AS	<a href="http://bit.ly/420erKl">http://bit.ly/420erKl</a>
College of the Canyons	Welding Technology, Certificate	<a href="https://bit.ly/3qOLWPR">https://bit.ly/3qOLWPR</a>
Antelope Valley College	Welding, AS	<a href="https://bit.ly/42GmRnx">https://bit.ly/42GmRnx</a>

### University of California (4 years)

University of California Los Angeles (UCLA)	Mechanical Engineering, BS	<a href="https://bit.ly/3CmQ9gi">https://bit.ly/3CmQ9gi</a>
University of California Santa Barbara (UCSB)	Mechanical Engineering, BS	<a href="http://bit.ly/3VfnByU">http://bit.ly/3VfnByU</a>

### California State University (4 years)

California State University Northridge (CSUN)	Manufacturing Systems Engineering, BS	<a href="http://bit.ly/3Vztw21">http://bit.ly/3Vztw21</a>
Cal Poly San Luis Obispo	Industrial Engineering, BS	<a href="https://bit.ly/3N77mPE">https://bit.ly/3N77mPE</a>

### Private (4 years)

University of Southern California (USC)	Industrial and Systems Engineering, BS	<a href="http://bit.ly/3W3DLvo">http://bit.ly/3W3DLvo</a>
National University (NU)	Manufacturing Design Engineering, BS	<a href="https://bit.ly/43C0ot7">https://bit.ly/43C0ot7</a>

### Adult Education and Trade/Apprenticeship Programs (6 months to 2 years)

Ventura County Office of Education	Welding, Certificate	<a href="https://bit.ly/45Y2PId">https://bit.ly/45Y2PId</a>
Southern California Welding Training and Testing Center	Welding (Various) Certificate	<a href="https://bit.ly/3NESREB">https://bit.ly/3NESREB</a>
Simi Valley Institute	Welding (Various) Certificate   CNC Operations & Programming, Certificate   Advanced CNC Programming, Certificate	<a href="http://bit.ly/4nds2Xm">http://bit.ly/4nds2Xm</a>
United Association Local 484 of Plumbers, Pipefitters, Welders and Apprentices	Journeyman	<a href="https://bit.ly/42GUuWt">https://bit.ly/42GUuWt</a>
Sheet Metal Workers Local Union No. 104	Industrial Sheet Metal Worker   Shop Manufacturer	<a href="https://bit.ly/42MNV4R">https://bit.ly/42MNV4R</a>
Ironworker's Local Union 416	Ironworker	<a href="https://bit.ly/3HhdJh1">https://bit.ly/3HhdJh1</a>

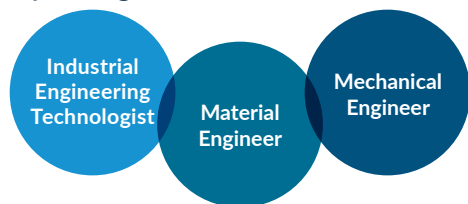
## Professional Organizations

Industrial Designers Society of America  
<https://www.idsa.org/>

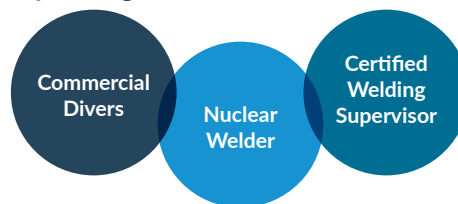
The Product Development and Management Association  
<https://www.pdma.org/>

## Future Careers

4 year degree:



2 year degree:



Certificates/Training/Some College:



Additional Options:



## LEVELS OF EDUCATION

High School Diploma

Associates Degree or Certificate  
6 MONTHS - 2 YEARS

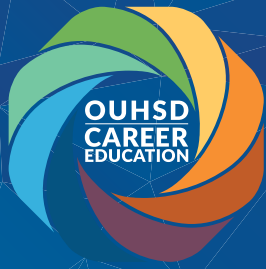
Bachelor's Degree  
+ 4 YRS

Master's Degree  
+ 2 YRS

Doctorate  
+ 3-4 YRS

How much can I make? [www.bls.gov/oo](http://www.bls.gov/oo)

How many jobs are out there? [www.onetonline.org](http://www.onetonline.org)



# CARRERA DE EDUCACIÓN TÉCNICA

# GUÍA DE TRANSICIÓN

## SOLDADURA

### 8VO-9NO GRADO

#### Opciones de exploración y conocimiento profesional

Para inscribirse en eventos de concientización profesional, consulte a su consejero o al Centro Universitario y Profesional.

Materias Optativas de exploración profesional de octavo grado

Espectáculos itinerantes de CTE, Día STEAM, eventos de exhibición de carreras

Campus de verano de CTE (julio)

Realice la clase de seminario universitario y profesional en el noveno y décimo grado o comience un programa CTE en la escuela secundaria

Realizar una evaluación de carrera  
[Zona de Carreras de CA](#)  
[CA Colleges](#)

### 10MO-12VO GRADO

#### Opciones para preparación profesional

Realice 2 años de una especialidad en Soldadura o una clase relacionada con ROP/colegio comunitario

Inscríbase en programas extracurriculares de carreras. Los programas duran 13 semanas, los días y los horarios pueden variar.  
[Programas extracurriculares](#)

Exposición de carreras

¡Asista a los talleres organizados por su Centro universitario y de carrera. Los talleres incluyen: redacción de currículums, habilidades para entrevistas, oradores invitados con temas profesionales, ayuda financiera, becas y más!



**ESCANÉAME**  
para enlaces de programas e información de especialidades



# NIVELES POSTERIORES A LA SECUNDARIA

## Opciones de estudios de carreras dentro de las 60 millas

### Colegio comunitario (de 6 meses a 2 años)

Ventura College	Tecnología de Soldadura, AS	<a href="https://bit.ly/3PdCGiK">https://bit.ly/3PdCGiK</a>
Los Angeles Pierce College	Soldadura Eléctrica y de Gas, AS	<a href="http://bit.ly/420erKI">http://bit.ly/420erKI</a>
College of the Canyons	Tecnología en Soldadura, Certificado	<a href="https://bit.ly/3qOLWPR">https://bit.ly/3qOLWPR</a>
Antelope Valley College	Soldadura, AS	<a href="https://bit.ly/42GmRnx">https://bit.ly/42GmRnx</a>

### University of California (4 años)

University of California Los Angeles (UCLA)	BS en Ingeniería Mecánica	<a href="https://bit.ly/3CmQ9gi">https://bit.ly/3CmQ9gi</a>
University of California Santa Barbara (UCSB)	BS en Ingeniería Mecánica	<a href="http://bit.ly/3VfnByU">http://bit.ly/3VfnByU</a>

### California State University (4 años)

California State University Northridge (CSUN)	Ingeniería de Sistemas de Fabricación, BS	<a href="http://bit.ly/3Vztw21">http://bit.ly/3Vztw21</a>
Cal Poly San Luis Obispo	Ingeniería Industrial, BS	<a href="https://bit.ly/3N77mPE">https://bit.ly/3N77mPE</a>

### Privado (4 años)

University of Southern California (USC)	Ingeniería Industrial y de Sistemas, BS	<a href="http://bit.ly/3W3DLvo">http://bit.ly/3W3DLvo</a>
National University (NU)	Ingeniería de Diseño de Fabricación, BS	<a href="https://bit.ly/43C0ot7">https://bit.ly/43C0ot7</a>

### Educación para adultos y programas de formación profesional (de 6 meses a 2 años)

Ventura County Office of Education	Soldadura, Certificado	<a href="https://bit.ly/45Y2PIId">https://bit.ly/45Y2PIId</a>
Southern California Welding Training and Testing Center	Certificado de soldadura (diversos tipos)	<a href="https://bit.ly/3NESREB">https://bit.ly/3NESREB</a>
Simi Valley Institute	Certificado de Soldadura (Diversos Tipos)   Certificado de Operaciones y Programación de CNC   Certificado de Programación de CNC Avanzada	<a href="http://bit.ly/4nds2Xm">http://bit.ly/4nds2Xm</a>
United Association Local 484 of Plumbers, Pipefitters, Welders and Apprentices	Oficiales	<a href="https://bit.ly/42GUuWt">https://bit.ly/42GUuWt</a>
Sheet Metal Workers Local Union No. 104	Trabajador Industrial de Chapa Metálica   Fabricante del Taller	<a href="https://bit.ly/42MNV4R">https://bit.ly/42MNV4R</a>
Ironworker's Local Union 416	Trabajador de Hierro	<a href="https://bit.ly/3HhdJh1">https://bit.ly/3HhdJh1</a>

## Organizaciones profesionales

Industrial Designers Society of America  
<https://www.idsa.org/>

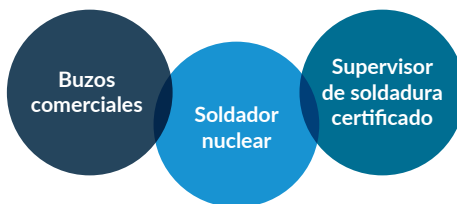
The Product Development and Management Association  
<https://www.pdma.org/>

## Carreras futuras

Licenciaturas de 4 años:



Licenciaturas de 2 años:



Certificados/Capacitaciones/Algunas universidades:



Opciones adicionales:



¿Cuánto puedo ganar? [www.bls.gov/ooH](http://www.bls.gov/ooH)

¿Cuántos empleos existen? [www.onetonline.org](http://www.onetonline.org)

## NIVELES DE EDUCACIÓN

Diploma de secundaria

Título de asociados o Certificado 6 MESES - 2 AÑOS

Título universitario + DE 4 AÑOS

Maestría + DE 2 AÑOS

Doctorado + DE 3-4 AÑOS