

# CAREER TECHNICAL EDUCATION TRANSITION GUIDE MACHINE & METAL FORMING

## 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](#)  
[VitaNavis](#)

## 10TH-12TH GRADE

### Career Preparation Options

Take 2 years of a Machine & Metal Forming 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)

Oxnard College	Engineering, AS	<a href="https://bit.ly/42DydbO">https://bit.ly/42DydbO</a>
Ventura College	Advanced Manufacturing, AS	<a href="https://bit.ly/3X4nJRR">https://bit.ly/3X4nJRR</a>
Ventura College	Drafting Technology, Industrial Design & Manufacturing, AS	<a href="https://bit.ly/3X4nJRR">https://bit.ly/3X4nJRR</a>
Moorpark College	Engineering, AS	<a href="https://bit.ly/3MvtMTW">https://bit.ly/3MvtMTW</a>
Santa Barbara City College	Engineering, AA or AS	<a href="https://bit.ly/42AoPpA">https://bit.ly/42AoPpA</a>
Los Angeles Pierce College	Engineering Graphics and Design Technology, AS	<a href="https://bit.ly/4aRWVL2">https://bit.ly/4aRWVL2</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="https://bit.ly/3CrvIEC">https://bit.ly/3CrvIEC</a>

### California State University (4 years)

California State University Northridge (CSUN)	Manufacturing Systems Engineering, BS	<a href="https://bit.ly/3X0I9wc">https://bit.ly/3X0I9wc</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="https://bit.ly/3qujjHB">https://bit.ly/3qujjHB</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 Adult and Continuing Education (VACE)	3D Modeling and Design Drafter, Award   Computer Aided Drafter, Award	<a href="https://bit.ly/3NjWX3B">https://bit.ly/3NjWX3B</a>
Simi Institute for Career & Education	Basic Machine Shop, Certificate   Computer-Aided Design, Certificate   CNC Operations & Programming, Certificate   Advanced CNC Programming, Certificate	<a href="https://bit.ly/3SbxDQG">https://bit.ly/3SbxDQG</a>
AEROVIRONMENT	Manufacturing & Design	<a href="https://bit.ly/44dUZsn">https://bit.ly/44dUZsn</a>
Sheet Metal Workers Local Union No. 104	Architectural Sheet Metal Worker   CAD Detailer	<a href="https://bit.ly/42MNV4R">https://bit.ly/42MNV4R</a>

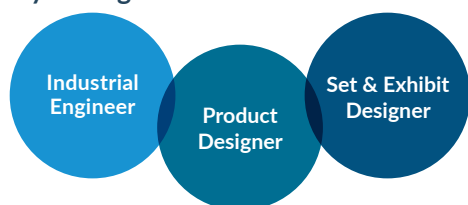
## Professional Organizations

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

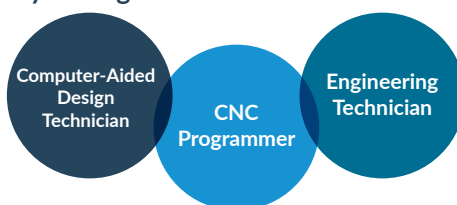
The Product Development and Management Association  
<https://www.pdma.org/>

## Future Careers

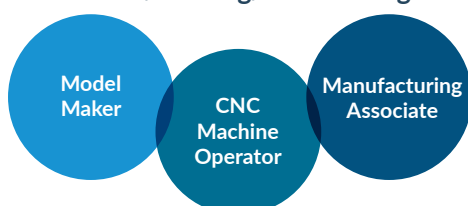
4 year degree:



2 year degree:



Certificates/Training/Some College:



Additional Options:



## LEVELS OF EDUCATION



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)