

CAREER TECHNICAL EDUCATION TRANSITION GUIDE PRODUCT INNOVATION

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

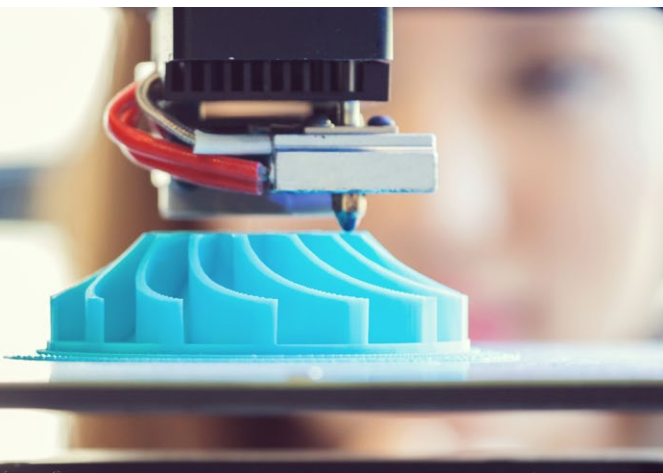
Career Preparation Options

Take 2 years of a Product Innovation pathway or an ROP class 11th/12th grade

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	https://bit.ly/3MVtMTW
Ventura College	Advanced Manufacturing, AS Drafting Technology, Industrial Design & Manufacturing, AS	https://bit.ly/3X4nJRR
Moorpark College	Engineering, AS	https://bit.ly/3MVtMTW
Santa Barbara City College	Engineering, AA or AS	https://bit.ly/42AoPpA
Santa Barbara City College	Environmental Studies, AA	https://bit.ly/45PQX11
Los Angeles Pierce College	Engineering Graphics and Design Technology, AS	https://bit.ly/3qDv12M

University of California (4 years)

University of California Los Angeles (UCLA)	Mechanical Engineering, BS	https://bit.ly/3CmQ9gi
University of California Santa Barbara (UCSB)	Mechanical Engineering, BS	https://bit.ly/3CrvIEC

California State University (4 years)

California State University Northridge (CSUN)	Manufacturing Systems Engineering, BS	https://bit.ly/3X0l9wc
Cal Poly San Luis Obispo	Industrial Engineering, BS	https://bit.ly/3N77mPE

Private (4 years)

University of Southern California (USC)	Industrial and Systems Engineering, BS	https://bit.ly/3qujjHB
National University (NU)	Manufacturing Design Engineering, BS	https://bit.ly/43C0ot7

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

Ventura Adult and Continuing Education	3D Modeling and Design Drafter, Award Computer Aided Drafter, Award	https://bit.ly/3NjWX3B
Simi Institute for Career & Education	Basic Machine Shop, Certificate Computer-Aided Design, Certificate CNC Operations & Programming, Certificate Advanced CNC Programming, Certificate	https://bit.ly/3J5ilTm
Strong Workforce Apprenticeship Group	Advanced Manufacturing	https://bit.ly/3p7ZW6R
AEROVIRONMENT	Manufacturing & Design	https://bit.ly/44dUZsn
Sheet Metal Workers Local Union No. 104	Architectural Sheet Metal Worker CAD Detailer	https://bit.ly/42MNV4R

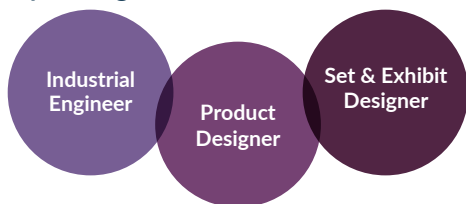
Professional Organizations

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

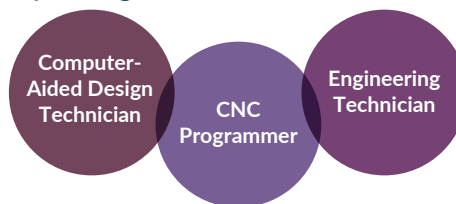
The Product Development and Management Association
<https://www.pdma.org/>

Future Careers

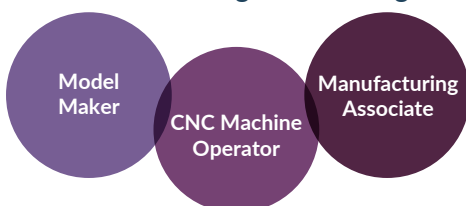
4 year degree:



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

How many jobs are out there? www.onetonline.org