CAREER TECHNICAL EDUCATION

TRANSITION GUIDE

PRODUCT INNOVATION

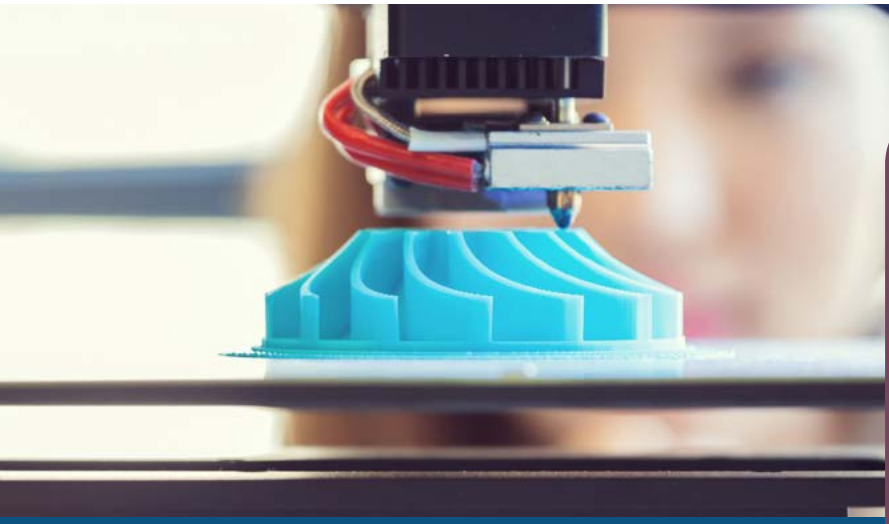
8TH-9TH GRADE — Career Awareness & Exploration Options

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

10TH-12TH GRADE — Career Preparation Options

- Take 2 years of a Product Innovation 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!



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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	http://bit.ly/3VKPn6J
Santa Barbara City College	Environmental Studies, AA	https://bit.ly/45PQXI1
Los Angeles Pierce College	Engineering Graphics and Design Technology, AS	http://bit.ly/4nvyM33
Los Angeles Valley College	Computer Science, AS	https://bit.ly/4cpXoVr
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	http://bit.ly/3li6UQp
California State University (4 years)		
California State University Northridge (CSUN)	Manufacturing Systems Engineering, BS	http://bit.ly/4myqzd7
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	http://bit.ly/3Vztw21
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	http://bit.ly/4nds2Xm
AEROVIRONMENT	Manufacturing & Design	https://bit.ly/44dUZsn
Sheet Metal Workers Local Union No. 104	Architectural Sheet Metal Worker | CAD Detailer	https://bit.ly/42MNV4R

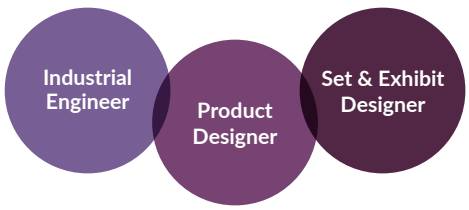
Professional Organizations

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

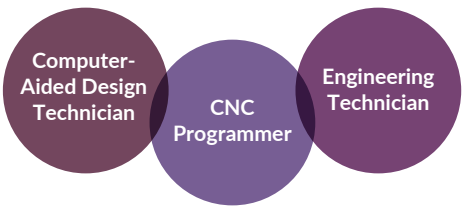
The Product Development and Management Association
https://www.pdma.org/

Future Careers

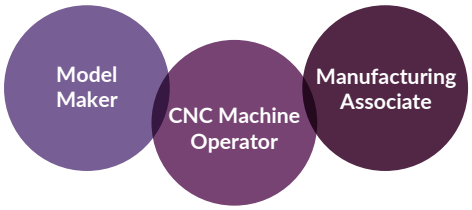
4 year degree:



2 year degree:



Certificates/Training/Some College:



Additional Options:

County of Ventura
Business Services
www.ventura.org

How much can I make? www.bls.gov/ooh

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

LEVELS OF EDUCATION

CARRERA DE EDUCACIÓN TÉCNICA

GUÍA DE TRANSICIÓN

INNOVACIÓN DE PRODUCTOS

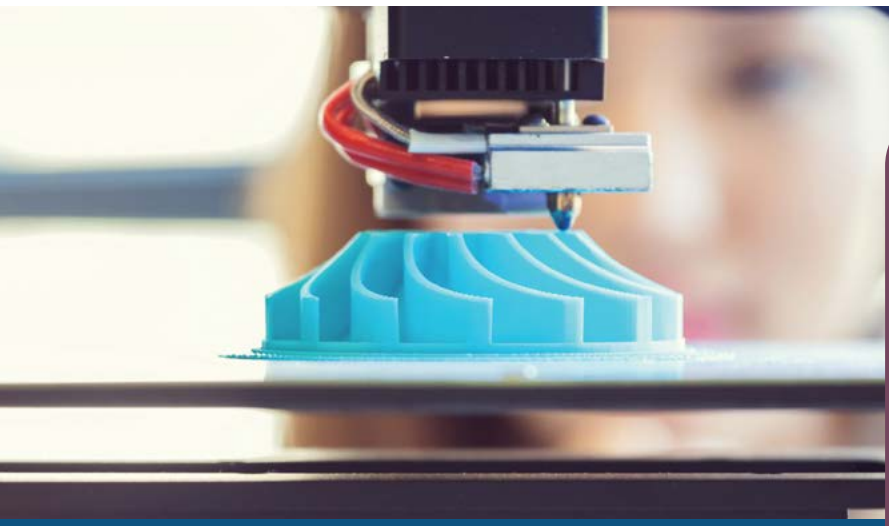
8VO-9NO GRADO — Opciones de exploración y conocimiento profesional

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

- Cursar 2 años de un itinerario de Innovación de Productos o una clase relacionada de 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!



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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)		
Oxnard College	Ingeniería, AS	https://bit.ly/3MVtMTW
Ventura College	Fabricación Avanzada, AS | Tecnología de Dibujo, Diseño y Fabricación Industrial, AS	https://bit.ly/3X4nJRR
Moorpark College	Ingeniería, AS	https://bit.ly/3MVtMTW
Santa Barbara City College	Ingeniería, AA o AS	http://bit.ly/3VKPn6J
Santa Barbara City College	Estudios Ambientales, AA	https://bit.ly/45PQXI1
Los Angeles Pierce College	Tecnología de Diseño y Gráficos de Ingeniería, AS	http://bit.ly/4nvyM33
Los Angeles Valley College	Informática, AS	https://bit.ly/4cpXoVr
University of California (4 años)		
University of California Los Angeles (UCLA)	Ingeniería Mecánica, BS	https://bit.ly/3CmQ9gi
University of California Santa Barbara (UCSB)	Ingeniería Mecánica, BS	http://bit.ly/3li6UQp
California State University (4 años)		
California State University Northridge (CSUN)	Ingeniería de Sistemas de Fabricación, BS	http://bit.ly/4myqzd7
Cal Poly San Luis Obispo	Ingeniería Industrial, BS	https://bit.ly/3N77mPE
Privado (4 años)		
University of Southern California (USC)	Ingeniería Industrial y de Sistemas, BS	http://bit.ly/3Vztw21
National University (NU)	Ingeniería de Diseño de Fabricación, BS	https://bit.ly/43C0ot7
Educación para adultos y programas de formación profesional (de 6 meses a 2 años)		
Ventura Adult and Continuing Education	Dibujante de Modelado y Diseño 3D, Premio | Dibujante Asistido por Computadora, Premio	https://bit.ly/3NjWX3B
Simi Institute for Career & Education	Taller Mecánico Básico, Certificado | Diseño Asistido por Computadora, Certificado | Operaciones y Programación CNC, Certificado | Programación CNC Avanzada, Certificado	http://bit.ly/4nds2Xm
AEROVIRONMENT	Fabricación y Diseño	https://bit.ly/44dUZsn
Sheet Metal Workers Local Union No. 104	Trabajador de Chapa Arquitectónica | CAD Detallista	https://bit.ly/42MNV4R

Organizaciones profesionales

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

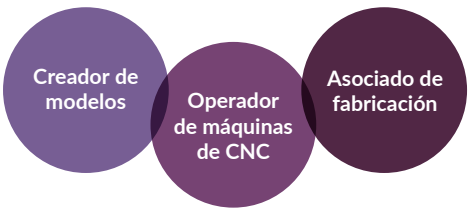
The Product Development and Management Association
https://www.pdma.org/

Carreras futuras

Licenciaturas de 4 años:

Licenciaturas de 2 años:

Certificados/Capacitaciones/Algunas universidades:



Opciones adicionales:

Servicios Empresariales del Condado de Ventura
www.ventura.org

¿Cuánto puedo ganar? www.bls.gov/ooh

¿Cuántos empleos existen? www.onetonline.org

NIVELES DE EDUCACIÓN