CAREER TECHNICAL EDUCATION

TRANSITION GUIDE

ROBOTICS

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 Robotics & Mechatronics 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!

ROBOTICS
OXNARD HIGH SCHOOL

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/42DydbO
Ventura College	Advanced Manufacturing, AS	https://bit.ly/3X4nJRR
Ventura College	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
Los Angeles Pierce College	Engineering 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/48nOgB8
California State University (4 years)		
California State University Northridge (CSUN)	Manufacturing Systems Engineering, BS	http://bit.ly/46bQYZ8
California State University Channel Islands (CSUCI)	Mechatronics Engineering, BS	https://bit.ly/42HOVHg
Private (4 years)		
University of Southern California (USC)	Industrial and Systems Engineering, BS	http://bit.ly/3IypLH1
National University (NU)	Manufacturing Design Engineering, BS	https://bit.ly/43C0ot7
Adult Education and Trade/Apprenticeship Programs (6 months to 2 years)		
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
Ventura Adult and Continuing Education (VACE)	3D Modeling and Design Drafter, Award | Computer Aided Drafter, Award	https://bit.ly/3NjWX3B
AEROVIRONMENT	Manufacturing & Design	https://bit.ly/44dUZsn
Sheet Metal Workers Local Union No. 104	Architectural Sheet Metal Worker | CAD Detailer	https://bit.ly/42MNV4R
Covered6	Defense Firearms Training | Private Security Academy	https://bit.ly/3HgeUxe

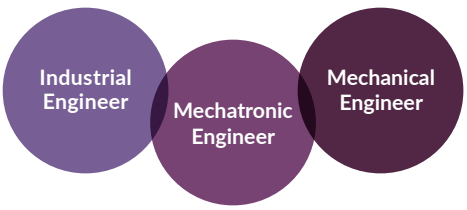
Professional Organizations

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

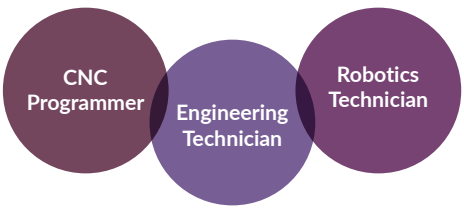
The Product Development and Management Association
https://www.pdma.org/

Future Careers

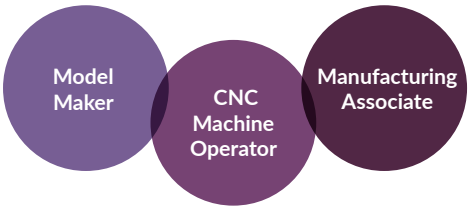
4 year degree:



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

ROBÓTICA

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

- Tomar 2 años de Robótica y Mecatrónica 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!

ROBOTICS
OXNARD HIGH SCHOOL

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/42DydbO
Ventura College	Fabricación Avanzada, AS	https://bit.ly/3X4nJRR
Ventura College	Tecnología de Dibujo, Diseño Industrial y Fabricación, AS	https://bit.ly/3X4nJRR
Moorpark College	Ingeniería, AS	https://bit.ly/3MVtMTW
Santa Barbara City College	Ingeniería, AA o AS	https://bit.ly/42AoPpA
Los Angeles Pierce College	Diseño y Tecnología 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)	BS en Ingeniería Mecánica	https://bit.ly/3CmQ9gi
University of California Santa Barbara (UCSB)	BS en Ingeniería Mecánica	http://bit.ly/48nOgB8
California State University (4 años)		
California State University Northridge (CSUN)	Ingeniería de Sistemas de Fabricación, BS	http://bit.ly/46bQYZ8
California State University Channel Islands (CSUCI)	Ingeniería Mecatrónica, BS	https://bit.ly/42HOVHg
Privado (4 años)		
University of Southern California (USC)	Ingeniería Industrial y de Sistemas, BS	http://bit.ly/3IypLH1
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)		
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
Ventura Adult and Continuing Education (VACE)	Dibujante de Diseño y Modelado 3D, Premio | Dibujante Asistido por Computadora, Premio	https://bit.ly/3NjWX3B
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
Covered6	Entrenamiento en Defensa con Armas de Fuego | Academia de Seguridad Privada	https://bit.ly/3HgeUxe

Organizaciones profesionales

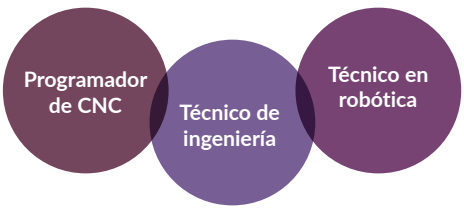
Industrial Designers Society of America
https://www.idsa.org/

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

- 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