



Highlights of Manufacturing Month October 2019

Manufacturing Day offers small and medium-sized manufacturers the opportunity to showcase their products and capabilities to both students and the general public. In California, where manufacturing fuels the economic engine, we proudly celebrate Manufacturing Month.





It Starts with You

The members of **Gen Z** (born after 1997) think about their lives and their roles in the world very differently than those of previous generations.¹ Addressing their readiness for real life is an obstacle that you as an educator or parent do not face alone.

Consider manufacturing — a high-tech, high-income career experience of seeing results in your own hands and having the room to be innovative — some of the key reasons why manufacturers themselves go into manufacturing.

Consider that college today simply isn't a guarantee of a high-end career in exchange for years of study and tuition. "While a shortage of workers is pushing wages higher in the skilled trades, the financial return from a bachelor's degree is softening, even as the price — and the average debt into which it plunges students — keeps going up."²

Consider the average annual salary in the manufacturing sector, \$100,000.

Manufacturing Day was created to offer students a non-virtual, real-time way of thinking about their future before they become *unready adults*. More than just job prospects, introducing students to manufacturing helps them to consider the possibility of finding the combination of meaningful activity and purpose they already are seeking.

We all share the responsibility for continuing the nation's manufacturing base by introducing the latest generation to its potential for the future.

Join Us!

¹ *Generation Z Unfiltered: Facing 9 Hidden Challenges of the Most Anxious Population* by Andrew McPeak and Tim Elmore (2019)

² <https://www.npr.org/sections/ed/2018/04/25/605092520/high-paying-trade-jobs-sit-empty-while-high-school-grads-line-up-for-university>



Events in 2019

277 Expos and Open Houses held in California throughout October; 3021 events in the United States

Manufacturers in 2019

Over 350 participating California-based manufacturers

Participants in 2019

Over 5,000 students, colleges, and organizations reached



Manufacturing Day

Held on the first Friday of October, beginning in 2012

Organizations

California Manufacturing Technology Consulting (CMTC)
Hollings Manufacturing Extension Partnership (MEP)
National Association of Manufacturers (NAM)

Representatives in 2019

Increased participation by elected officials at city, county and state-wide in Manufacturing Day events

Events in 2019



**277 Manufacturing Events
in California**

In Counties:

- | | | |
|--------------|------------------|-------------|
| Alameda | Orange | San Joaquin |
| Butte | Placer | Santa Clara |
| Contra Costa | Riverside | Santa Cruz |
| Fresno | Sacramento | Shasta |
| Kern | San Benito | Sonoma |
| Los Angeles | San Bernardino | Stanislaus |
| Madera | San Diego, North | Tulare |
| Merced | San Diego, South | Ventura |
| Nevada | San Francisco | |

and 60 events held at Northrop Grumman locations:

- | | |
|----------------|-----------|
| Azusa | San Diego |
| Los Angeles | Sunnyvale |
| McClellan Park | |
| Redondo Beach | |

Thank You!

On behalf of the manufacturing industry, CMTC would like to share our appreciation for your participation in the Manufacturing Day events in 2019. Thank you for your contribution as an event host or exhibitor, demonstrating what manufacturing in California really is and inspiring students to consider rewarding career opportunities for the future. We also commend teachers, educators and administrators for recognizing the vital role that manufacturing plays in the lives of students, with their eyes on entering the workforce.

Photos included are fair use for educational purposes, as originally posted online by participating event organizers and organizations. Photos are not for sale or distribution.

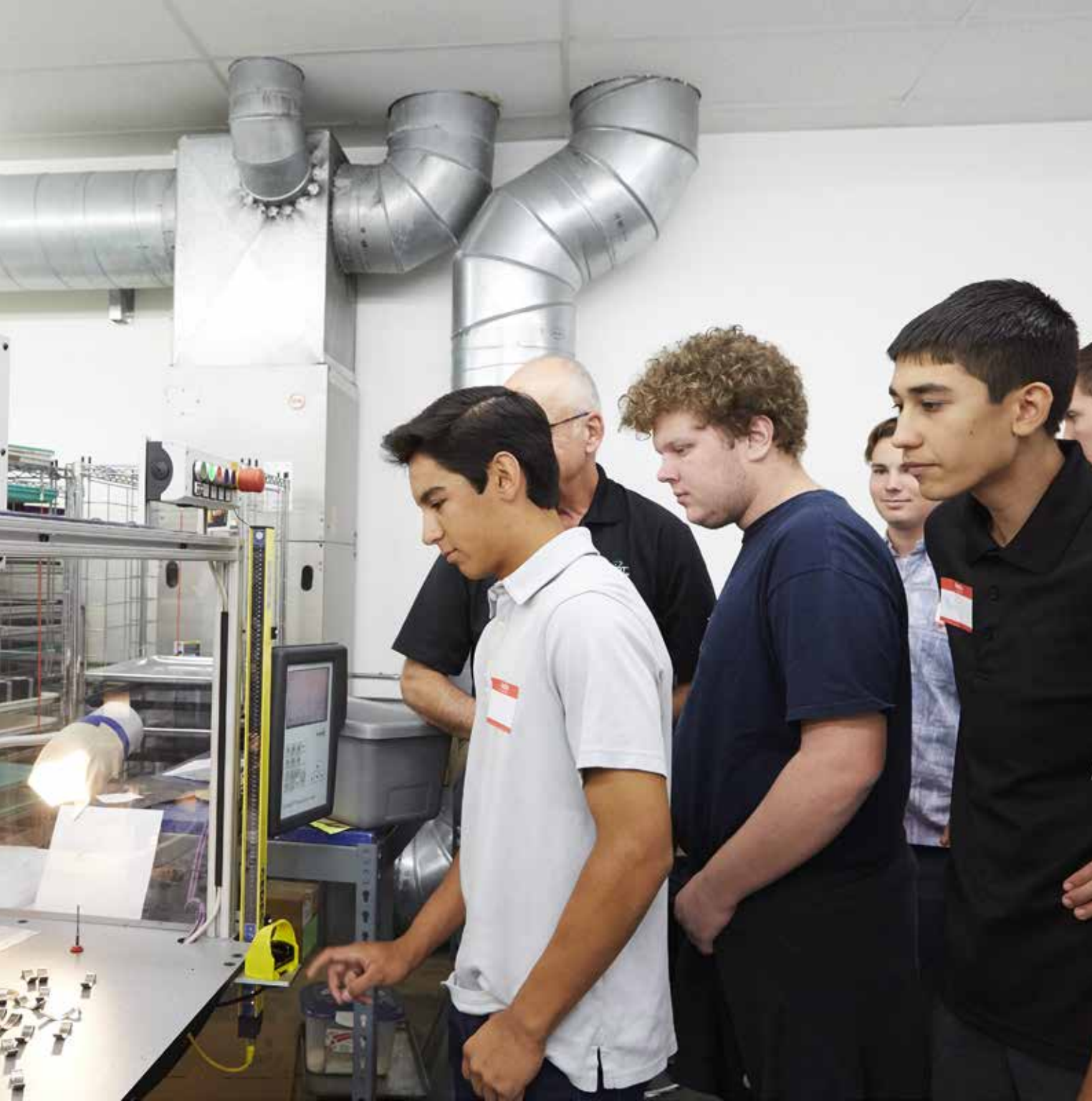
2020

Creators Wanted!

Get involved in 2020, inspiring the next generation of manufacturers in California.

Check out www.mfgday.com and sign up to host, attend or sponsor an event in October 2020.

Contact Steve Brand at CMTC for more information at comm@cmtc.com.



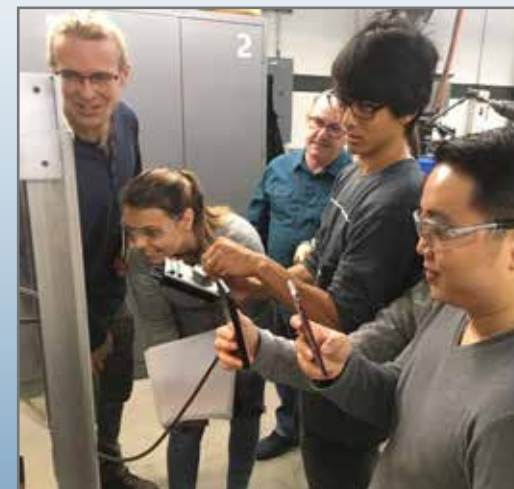
Alameda County



Alameda County

Admedes
 Ale Industries
 ALOM Technologies
 AMP Printing
 AnaSpec, Inc.
 Bay Area Circuits
 City of Dublin
 City of Livermore
 City of Pleasanton
 GILLIG
 ElringKlinger Silicon Valley
 Evolve MFG Technologies, Inc.
 FreeWire Technologies, Inc

Kensington Laboratories
 Lam Research
 Laney College
 Las Positas College
 Livermore Airport
 Make.Work.Space.
 Mr. Plastics, Inc.
 Scandic Springs
 Steri-Tek
 Thermo Fisher Scientific
 Topcon Positioning Systems
 Tri-Valley ROP
 UrbanBloc
 Vintage 99



Butte County

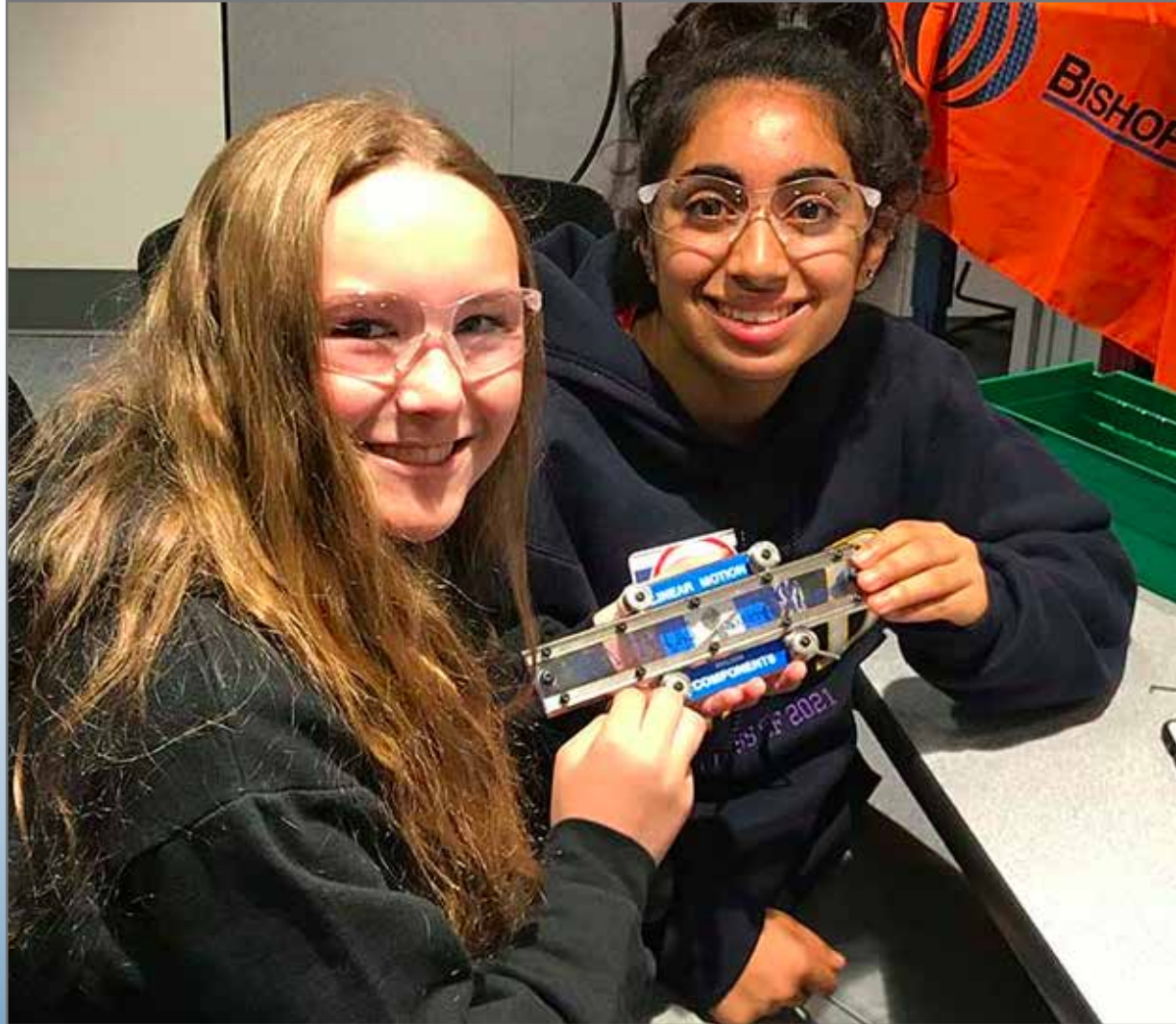


California State University Chico
GMI Grow MFG Expo
Transfer Flow
Knauf Insulation

Butte County



Contra Costa County



Contra Costa County

Aerotek
Benchmark
Bishop-Wisecarver
C & H Sugar
Contra Costa College
Corteva Agriscience
Diablo Valley College

Fresenius Medical Care
Los Medranos College
Parker Hannafin Corporation
Quick Mount PV
Ramar Foods



Fresno County

Fresno County



Fresh KO Produce Services
Reedley College
San Joaquin Valley MFG Alliance



Kern County

Kern County

Bakersfield College Career Technical Education



Los Angeles County



Los Angeles County

ACE Clearwater
 AMPSoCal at USC
 Anaplex Corp.
 Aoyama Elevator Global, Ltd.
 Bay Cities
 Center for Advanced MFG
 Cerritos College
 Columbia Memorial Space
 Center
 General Motors Advanced
 Design
 Georg Fischer Signet, LLC
 Herbalife Nutrition
 HiRel Connectors

Los Angeles Mayor's MFG
 Summit
 Los Angeles Mission College
 Los Angeles Trade Tech
 Los Angeles Valley College
 MBK Tape Solutions
 Nelson-Miller, Inc.
 Pelican Products, Inc.
 Rock Steady Productions
 STREAM Kids Expo
 Spectrolab
 Weber Metals

Los Angeles County

Los Angeles County



Orange County



Armstrong World Industries
 Cadence Aerospace
 Canbro
 Cerritos College
 CSU Fullerton
 Drawer Box Specialties
 Fullerton College
 Graphic Packaging International

Orange County

The Great Pacific Airshow
 M & R Engineering
 Mosey's Production
 Machinists
 NTMA Training Centers
 Prototype and Short Run
 Services, Inc.
 P.S. Services
 Reborn Cabinets, Inc.
 Saddleback College
 Santa Ana College
 Senga Engineering
 Signs and Services Company
 Urban Workshop



Orange County



Placer County

Sierra College, Rocklin



Riverside County



Architectural Design & Signs
 Axxis Corporation
 Brenner-Fiedler
 Central Wire
 City of Menifee
 City of Murrieta

Riverside County

Forterra
 Penn Emblem Company
 Phenix Technology, Inc.
 Vocademy
 Waterstone Faucets



Sacramento County

Ceratizit Sacramento
JJ Pfister Distilling
Pacific Neon Company



San Bernardino County

Chaffey College,
InTech Industrial Technical Learning Center
DeVoll Rubber MFG Group, Inc.
Inland Futures Foundation
San Bernardino,
Community College District
San Bernardino Valley College
U.S. Rubber Recycling, Inc.
UMakers Makerspace



San Diego County, North



“North County is home to manufacturing and engineering companies that collectively employ more than 55,000 workers. At the 2019 San Diego North County event, participants can explore interactive displays and talk to the experts from more than 30 manufacturing and engineering companies located in North County.”



Argonaut MFG Service
 Beckman Coulter
 California State University
 San Marcos
 Calsense
 Creative Electron
 Deploy VR
 Federal Heath Sign Co.
 Forecast 3D
 Form Factor
 Genentech
 General Atomics
 Aeronautical
 Guardian of Bravery
 HME
 Hunter Industries
 JAS Worldwide
 L & M Machining Center

San Diego County, North

Magnaflow
 MiraCosta College,
 Technology Career Institute
 Nordson
 North County Trade Tech HS
 Open Source Maker Labs
 Palomar College,
 Escondido and San Marcos
 San Diego North County
 SeasSpine
 Sendx
 Solatube
 Surcle
 Thermo Fisher Scientific
 Vista High School
 Walmart Labs
 Watkins Wellness

San Diego County, South



San Diego County, South

Alturair
 Attention Getters Design
 CNC Parts Dept., Inc.
 Competitive Metals
 Computer Integrated
 Machining
 DASI Solutions
 East County EDC
 East County SBDC
 East Region Adult Education
 Flexsystems USA
 GKN Aerospace-
 Chemtronics
 Grossmont College
 Hunter Industries
 J and M Interior Specialties
 L & M Machining Center
 Le Caramel

LineX of El Cajon
 Magnaflow
 MiraCosta College
 nVent
 Open Source Maker Labs
 Owens Design
 Pacific Islander Beer Co.
 Precision Metal Products
 Pulltarps
 Quality Controlled Mfg
 RCP Block & Print
 Repromagic
 Senior Aerospace Jet
 Products/Ketema
 Southland Envelope
 Taylor Guitars
 Verti-block San Diego
 White Labs

San Francisco County

“ SFMade’s mission is to build and support a vibrant manufacturing sector in San Francisco, that sustains companies producing locally-made products, encourages entrepreneurship and innovation, and creates employment opportunities for a diverse local workforce. ”



San Francisco County

Anchor Brewing
 Andytown Coffee Roastery
 Arion Press Foundry
 Letterpress
 Artisans of SF Conservation
 Framing
 Barebottle Brewing Company
 D.a.D. Sewing Factory
 Daily Driver

Dandelion Chocolate Factory
 Heath Ceramics Zero Waste
 Jenny Lemons
 Magnolia Bewing Co.
 Maison de Monaco
 Nana Joes Granola
 MFG Foundry
 Raff Distillerie
 Ritual Coffee Roastery
 Sharon Z Jewelry
 Shotwell Paper Mill Factory
 Speakeasy Brewery
 Timbuck2 Bags Factory
 Urban Farmgirls Factory
 Z Cioccolato



Santa Clara County

Santa Clara County



- BD Bioscience
- Bestronics
- Bloom Energy
- Campbell Union HSD
- City of Milpitas
- Cobham Advanced
- Electronic Solutions
- Creative MFG Solutions
- Evergreen Valley College
- Fetch Robotics
- Gilroy EDC
- Green Circuits
- Independence HS
- Jabil Blue Sky
- Lin Engineering
- Metropolitan Education

- District
- Santa Teresa High School
- Silicon Valley Career Technical Education
- Toray Advanced Composites
- Vander-Bend Manufacturing
- W. C. Overfelt HS
- Zoll



Santa Cruz County

Annieglass

“re-invigorating the ancient art of glassmaking while maintaining U.S. manufacturing standards with advanced technology — time honored old world skilled artistry with modern innovation.”



Events without photos

Merced County

Centurion and Supreme Boats

Nevada County

Sierra College,
Nevada County Campus

*(event postponed due to area
fire hazard precautions)*

San Joaquin County

Arrow Sign Company



Shasta County

Knauf Insulation
SAF-West,
(Southern Aluminum Finishing)

Tulare County

South Valley Industrial
Collaborative

Sonoma County

Biosearch
Labcon
Sonoma County

Stanislaus County

Opportunity Stanislaus

Ventura County

Dynamic Automation

Resource MFG

Highlights book created by CMTTC, December 2019.
www.CMTTC.com