



JUST SAYIN'...

HAVE YOU THOUGHT ABOUT A CAREER IN MANUFACTURING?



MANUFACTURING DAY is a celebration of modern manufacturing meant to inspire the next generation of manufacturers. Manufacturing Day occurs on the first Friday in October — **this year Manufacturing Day is Oct 5, 2018**. CMTC is proud to co-sponsor this event so that students, parents and educators from throughout California can learn about how the latest technologies have changed the manufacturing industry and created new opportunities and career paths for anyone interested in finding an exciting, high-paying and rewarding career.

MANUFACTURING CAREERS HAVE A LOT TO OFFER!

1 IN EVERY 6 JOBS IS IN MANUFACTURING

DID YOU KNOW...

ANNUAL COMPENSATION*
In manufacturing salaries average \$73K and in advanced manufacturing they average \$95K

* digital Manufacturing & Design Job Role Taxonomy Report 2017

MANUFACTURING HAS ALWAYS BEEN ON THE CUTTING EDGE OF TECHNOLOGY

NEW TECHNOLOGIES =

- 3D PRINTING
- THE INTERNET OF THINGS
- ROBOTICS
- SMART MANUFACTURING

IN THE NEXT DECADE IT IS ESTIMATED THAT 2 MILLION OUT OF THE 3.5 MILLION MANUFACTURING JOBS WILL GO UNFILLED DUE TO TALENT SHORTAGES

IT LOOKS LIKE YOU'LL HAVE TO COME TO THE RESCUE OF AMERICAN MANUFACTURING!

HMMM...I'D BETTER GRAB MY CAPE!





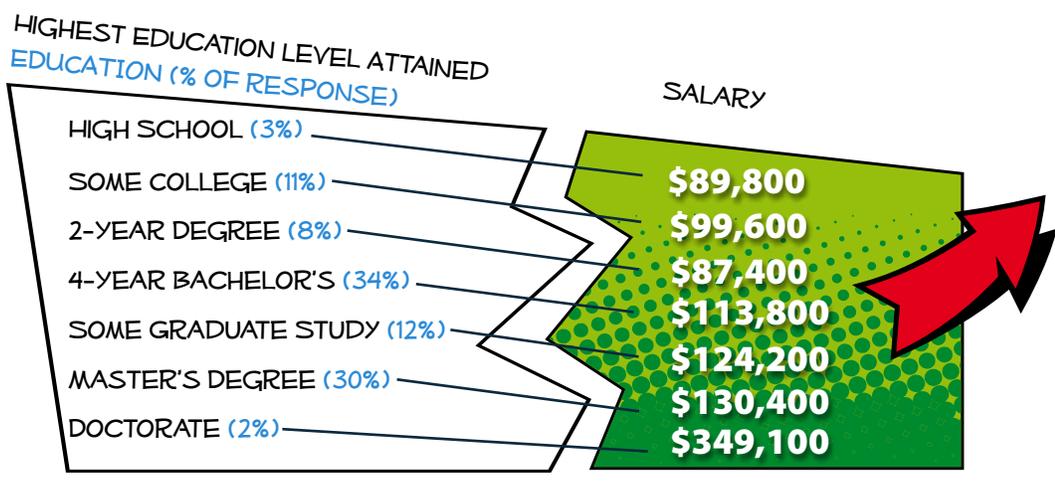
OMG

MANUFACTURING ROCKS!



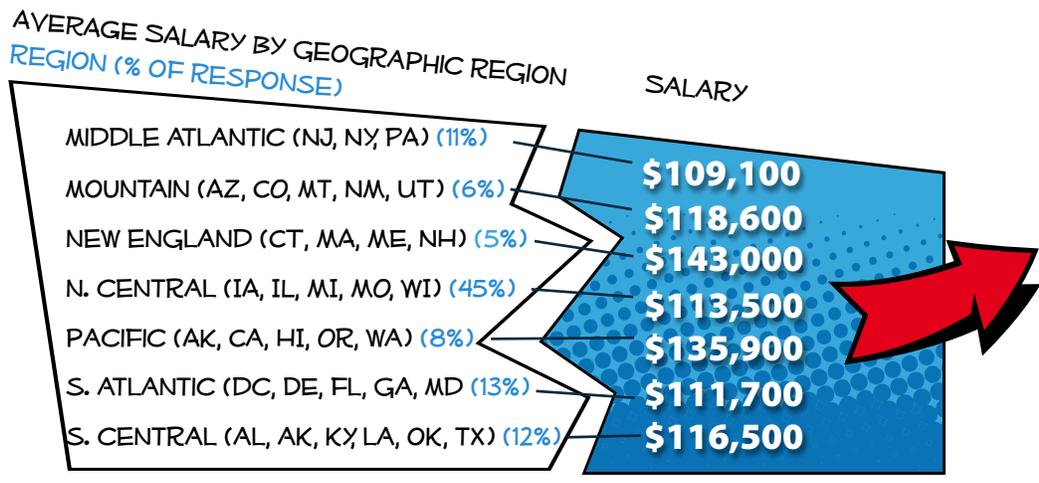
WHO WANTS TO FLIP BURGERS?

There is a misconception that manufacturing jobs are low pay, low quality, and not very exciting. Manufacturing is evolving and is no longer the same work our fathers and grandfathers might have done. With new technologies and state-of-the-art equipment, the world of manufacturing will change with your generation. And, the pay's not too shabby either!



MORE SCHOOLING, BETTER PAY

And, according to the U.S. Department of Labor, employers have hired over 335,000+ apprentices since 2017. What's better than getting hands-on career training while earning a paycheck! Glassdoor reports that manufacturing apprenticeship salaries in California range from \$25,000 to \$52,000!



PACIFIC REGION: HOME TO 2ND HIGHEST EARNERS

Surveys show that over 50% of workers receive bonuses ranging from \$29,000 to \$72,000!

CHALLENGING WORK. CHECK.

JOB STABILITY. CHECK.

GOOD \$\$\$ DOUBLE CHECK.





#SATISFACTION

84%

VERY SATISFIED OR SATISFIED

with manufacturing as a career path!

MANUFACTURING JOBS ARE CHALLENGING AND INTERESTING.

In an Industry Week Survey released in **2017**, manufacturing professionals like their careers, and the challenge manufacturing presents is a big reason why. **Why are so many manufacturing professionals satisfied with their career choice?**

The response to another survey question may help answer this question.

Fully 20.4% of survey respondents told Industry Week that having challenging and interesting work to do is what matters most to them in their job. That percentage ties “challenging work” with “job stability” as the top-rated factors that matter most to respondents in their jobs -- and beats out base salary, which came in third at 17.8%.

GR8!

TECHNOLOGY ALL DAY, EVERY DAY...WOW

NANOTECHNOLOGY

This involves taking material down to a tiny scale, making changes to its “DNA” and building it back up into a product. For example, a motor oil can be reduced to nanometer proportions (one billionth of a meter!) and manipulated to create better gas mileage for a car, then made back into a better motor oil. The products resulting from this technology exhibit greater wear, fire resistance, and better engine performance. The real world applications would certainly be publicized and be truly exciting, thereby creating great job satisfaction.

ADDITIVE MANUFACTURING (3D PRINTING)

You may have these printers in your school or at home. To see their application in the manufacturing workplace would be exciting. The idea of designing something and seeing a model of that design within minutes fits with today’s norm for immediate feedback. Developing design teams and collaborating with them to create real-time products faster and cheaper using additive manufacturing resources is a great way to utilize your imagination and creativity.

PROGRAMS/APPS THAT PROMOTE COLLABORATION AND COMMUNICATION

Programs and applications such as Basecamp and Nozbe allow for easy collaboration with colleagues. It is easier than ever, thanks to advances in computer technology, to send an idea out to a group from anywhere and get instantaneous feedback. How cool is that? You can easily embrace a collaborative environment on the manufacturing floor by creating process improvement teams, and using tools such as SharePoint to share ideas, Value Stream Maps, data and project documents.



BTW...



...GET INVOLVED!

CREATE A PARTNERSHIP BETWEEN YOUR SCHOOL AND LOCAL MANUFACTURERS

You don't have to wait for Manufacturing Day to visit a local manufacturer and request a plant tour. Better yet, see if any of your local manufacturers offer internship programs for students to see the "real world" of manufacturing. It may also help you find a future job upon graduation.



ASK A MANUFACTURER TO SPEAK AT YOUR SCHOOL

After Manufacturing Day, it might be fun to invite several manufacturers to your school to give a presentation and showcase their products.



GET YOUR FRIENDS INVOLVED

Many times, the best resource for a new job is one of your friends who might be working in manufacturing currently.



MFG DAY
10-5-2018

Any day can be Manufacturing Day! Discover new career opportunities by visiting manufacturers in your local area. For more information about Manufacturing Day, go to www.mfgday.com.



California Manufacturing Technology Consulting® | 690 Knox Street · Suite 200 · Torrance, CA 90502 | TEL: (310) 263-3060 | www.cmtc.com

