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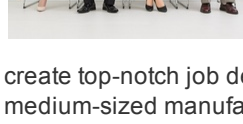
[Case Studies](#)

JULY 2018

**WELCOME to CMTC's "News for Manufacturers" eNewsletter!**

**In this issue:** How Good Job Descriptions Help Manufacturers Attract Skilled Employees; Fictiv's 2018 State of Hardware Report; National Minority Business Awards; Schools Interested In Participating In Manufacturing Day; CMTC Adds Client Associate to Service Central Coast Region; Congratulations to Two Made in CA Program Members; Made in CA Summer Mixer; Vocademy Provides Hands-On Training In Advanced Manufacturing Disciplines; Garner Products Presented With Export Award; and more!

**Industry News**



**HOW GOOD JOB DESCRIPTIONS HELP MANUFACTURERS ATTRACT SKILLED EMPLOYEES**

While it's important that companies in any industry create top-notch job descriptions, it's even more crucial for today's small and medium-sized manufacturers (SMMs). Manufacturing jobs have long been thought of as "dark, dirty and dangerous." Of course, for many positions this is no longer true, but that is the perception the industry has been saddled with. For younger and future workers, this perception makes a career in manufacturing potentially unattractive, resulting in a skills gap and many unfilled positions. With a large number of workers going out and a shortage of skilled workers coming in, Deloitte predicts that there will be a total of 2 million skilled manufacturing jobs unfilled by 2025 if nothing is done now.

While a great job description probably can't solve this potential crisis on its own, it can certainly help. The job description is likely to be the first exposure a job seeker will have to your company when looking for employment and, if done right, it provides the opportunity to explain the position, generate interest, and get them to your website to learn more.

Read more to find out eight elements that you should consider when writing a job description.

[Read More>>](#)



**FICTIV'S 2018 STATE OF HARDWARE REPORT REAPS GOOD INSIGHTS FOR MANUFACTURERS**

Fictiv, a San Francisco-based company which has built a platform to easily connect machine shops with designers in an effort to make prototyping products more efficient, has released their third annual "State of Hardware Report." The report is part of Fictiv's "commitment to make hardware development easier and more accessible and to ultimately unleash the next wave of innovation in engineering and design." The results were compiled from surveying 1,136 developers and manufacturers across 72 industries.

**Insights from the 2018 report include:**

**The State of Supply Chains**

- Speed Is Priority For Developers
- Manufacturers Are Strained by Limited Resources
- Strong Domestic Supply Persists

**How We Communicate**

- Communication Lines Are Crossed
- Complex Communication Delays Projects
- Manufacturing Runs on Email

[Read Report>>](#)



**MINORITY BUSINESS DEVELOPMENT AGENCY SEEKS NOMINATIONS FOR 2018 NATIONAL MINORITY BUSINESS AWARDS**

The Minority Business Development Agency (MBDA), within the U.S. Department of Commerce, is seeking nominations for the 2018 National Minority Business Awards. The MBDA National Minority Business Award is the highest level of national recognition that a U.S. minority-owned firm can receive from the U.S. Department of Commerce. These prestigious awards celebrate the outstanding achievements of minority entrepreneurs, as well as the individuals and organizations that have demonstrated their commitment to advancing minority business enterprises. There are three main award categories:

- Minority-Owned Firms
- Champions of Minority Business Development
- Individual Recognition

Deadline to apply: July 31, 2018

[Read More>>](#)



**OPENING DOORS & MINDS GET STARTED NOW!**

**SCHOOLS INTERESTED IN PARTICIPATING IN MANUFACTURING DAY**

One way that CMTC gets involved in Manufacturing Day is by contacting various school districts throughout California to make them aware of Manufacturing Day and impress upon them the importance of educating students and parents about the exciting career opportunities that are available in the manufacturing sector. **We have compiled a list of schools that have expressed an interest in participating in Manufacturing Day and you can now find that list on our website.** We will continuously add to the list as more schools express interest. If you see a school in your area, please contact them directly and make arrangements for them to visit your Manufacturing Day event. If you're not hosting an event this year, check with the school to see if you can schedule a visit to talk to the students about your company, the importance manufacturing plays in their community and the world, and share your passion with them about why you enjoy working in manufacturing.

**[View List of Interested Schools](#)**

If you have any questions about connecting with a school in your area, please contact: Steve Brand, CMTC's Strategic Communications Manager, at 310-263-3018 or [sbrand@cmtc.com](mailto:sbrand@cmtc.com).

**Handy Resources:**

- [See who's already signed up to participate in MFGDay!](#)
- [The Impact of Manufacturing Day and How to Get Involved](#)

**Spotlight on CMTC**



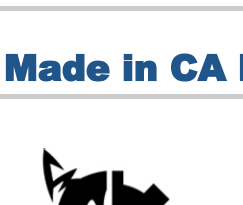
**CMTC ADDS CLIENT ASSOCIATE TO SERVE THE CENTRAL COAST REGION OF CALIFORNIA**

California Manufacturing Technology Consulting (CMTC) is expanding its "California's Manufacturing Network" to serve more manufacturers in California. The Network is a collaboration of manufacturing-focused partners aimed at delivering a broad range of technical assistance to Small and Medium-Sized Manufacturers (SMMs) in both urban and rural areas statewide.

Kristina Chavez Wyatt has been added to the CMTC team as a client associate to serve SMMs located in the central coast region of California between Monterey and Santa Cruz. The region is home to numerous manufacturing sectors including: computer, electronics and food and beverage. Kristina's primary focus will be to consult with SMMs in the region and assist them by providing the full range of services and programs offered by CMTC.

[Read More>>](#)

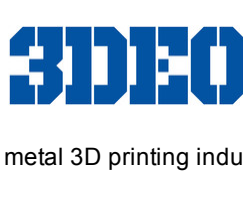
**Made in CA Program News**



**CONGRATULATIONS TO TWO OF OUR MADE IN CALIFORNIA PROGRAM MEMBERS!**

CMTC would like to congratulate two of our Made in CA members, **3DEO** and **Airwolf 3D**, for being named by Design News as two of the top ten companies poised to make big waves in the brave new world of metal 3D printing. View the slide presentation "**10 Metal 3D Printing Companies You Should Know**" and learn more about the companies that are making great strides in the metal 3D printing industry.

[View Slide Presentation>>](#)

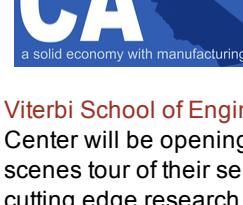


**OUR SUMMER MIXER IS ALMOST HERE!**

If you haven't already signed up to join us for our Made in CA Summer Mixer, now's the time! This fun, informative and complimentary event will be held on **Tuesday, July 31st** at the prestigious USC Viterbi School of Engineering Center for Advanced Manufacturing. The Center will be opening their doors to allow MICA members a rare behind the scenes tour of their services, equipment and capabilities. Learn about their cutting edge research in the uses of advanced robotics in manufacturing.

[Read More and Register>>](#)

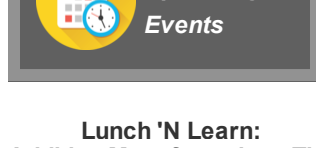
*Note: If you are a manufacturer and not currently a Made in CA program participant, we invite you to join us so that you can learn more about our program; however, Made in CA participants will receive priority with respect to space considerations.*



**[Find out more about our Made in California program>>](#)**

**[Click to view our recent Made in CA Featured Manufacturers!](#)**

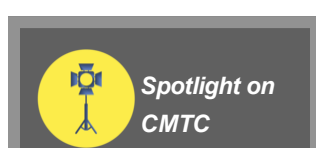
[JOIN NOW](#)



**Lunch 'N Learn: Additive Manufacturing - The Evolution of 3D Printing**  
Alhambra, CA  
August 31, 2018  
[Event Details](#)

**Calit2 at UC Irvine Manufacturing Day Expo & Career Day**  
Irvine, CA  
October 9, 2018  
[Event Details & Exhibitor Registration](#)

[Other Events](#)



**VOCADEMY THE MAKERSPACE**

**CMTC Partner Provides Hands-On Training In Advanced Manufacturing Disciplines**

Vocademy, The Makerspace (based in Riverside, CA) is doing what they can to help shorten the skills gap in manufacturing (2 million industry jobs are predicted to go unfilled by 2025) by providing members with the opportunity for hands-on training in over a dozen advanced manufacturing disciplines, such as 3D printing, electronics and robotics, industrial safety, laser cutting, machine shop and CNC, welding and fabrication, and more. Vocademy was also recently approved for its first federal and state apprenticeship program. The Maker Professional apprenticeship is a three-month program which offers participants an opportunity to take classes at Vocademy and work on a temp-to-hire basis with a local employer.

[Read SME's Article About Vocademy](#)

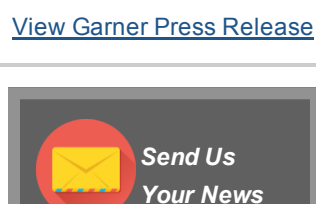
[Visit Vocademy's Website](#)



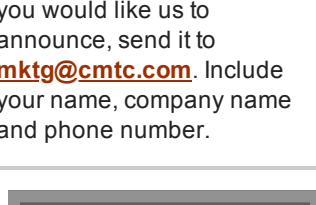
**Garner Products, Inc. Presented With Export Award**

CMTC would like to congratulate Garner Products, Inc. for being awarded an Export Achievement Certificate from the U.S. Department of Commerce in recognition of its global export expansion efforts. Garner, a family-owned manufacturer located in Roseville, CA, began building commercial degaussers out of their garage in 1959 and today exports their hard drive and tape data erasure and destruction equipment to over 50 countries. Garner is a member of the [Sacramento Valley Manufacturing Initiative \(SVMI\)](#), an organization focused on the development of a regional workforce to meet the complex needs of 21st century manufacturing. SVMI participates in [CMTC's "California's Manufacturing Network."](#)

[View Garner Press Release](#)



**Want to be featured in our eNewsletter?** If you have any important news about your company that you would like us to announce, send it to [mktg@cmtc.com](mailto:mktg@cmtc.com). Include your name, company name and phone number.



**CMTC's Recent Blog Posts**

[Social Media for Manufacturers: Twitter](#)

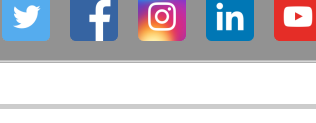
[The Impact of Manufacturing Day and How to Get Involved](#)

[The Drive Toward Digital Transformation in Manufacturing](#)

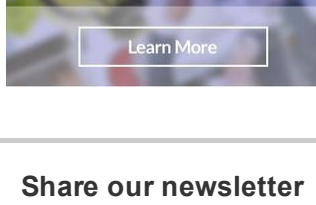
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**Share our newsletter with other manufacturers!**

If you know of any manufacturers that would benefit from the information in this newsletter, please forward it to them. For those who would like to receive our newsletter on a regular basis, [Sign Up Here for Newsletter.](#)

**Questions or Comments?**

Contact Newsletter Editor Marjorie Dunn at [mktg@cmtc.com](mailto:mktg@cmtc.com)

**Visit our website for additional information and resources: [www.cmtc.com](http://www.cmtc.com)**

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