



## EPISODE 15: SHOW NOTES AND ACTION ITEMS

At the time of this interview, industry and the world has been dealing with challenges due to COVID-19. Keeping industry engaged with education is particularly important today as we help to prepare the future technician workforce. It is important to maintain a high level of communication with partners, be able to demonstrate Return on Investment (ROI), and give them visibility among students and in the community. In this episode, Jill Zande, Associate Director at the Marine Advanced Technology Education (MATE) Center in Monterey, California, examines how professional societies—in this case the Marine Technology Society—can be champions for educational initiatives. She also discusses how sponsoring the ROV (underwater remotely operated vehicle) Competition World Championship each year is one way that companies attract new graduates. Marketing and communications departments at companies want to raise their company's visibility. The ROI for companies in this case keeping up with their competitors and becoming a known name to students who may one day purchase their products or work for them.

The link to the Marine Advanced Technological Education (MATE) ROV Competition is <https://www.materovcompetition.org/>; and the competition infographic is posted here <https://materovcompetition.org/content/2019-mate-rov-competition-impact-study-released>.

When it comes to future skills in the marine technology industry, the message was clear: autonomous technologies are key, whether in the marine, automotive or defense industries. Program alumni can provide key insights to their workplaces and provide information on future trends driving the workforce. The future will involve artificial intelligence, collecting and managing data, and at the same time the so-called workplace skills will be even more important. Adaptability and embracing change will be important skills and we are seeing this today as industry and educators deal with the impact of COVID-19.

The "Most In Demand Hard and Soft Skills for 2020" are featured here <https://business.linkedin.com/talent-solutions/blog/trends-and-research/2020/most-in-demand-hard-and-soft-skills> and "The 10 Vital Skills You Will Need For The Future Of Work" are featured in this Forbes article <https://www.forbes.com/sites/bernardmarr/2019/04/29/the-10-vital-skills-you-will-need-for-the-future-of-work/#30b272c93f5b>. A good resource for information on autonomous technologies in technician education is the National Center for Autonomous Technologies, <https://www.ncatech.org/>