



EPISODE 20: SHOW NOTES AND ACTION ITEMS

In Episode 20, “It’s More than Pushing Cycle Start,” you heard Terry Iverson, president of Iverson and Company discuss the trends driving CNC machining and manufacturing. He mentioned the four major types of control systems in use today that students should know about, although he understands that a school may be able to provide hands-on experience in only one system and knowledge of the similarities and differences of the others.

Here are the four types for reference:

- FANUC: <https://www.fanucamerica.com/products/cnc>
- Heidenhain: https://www.heidenhain.com/en_US/products/cnc-controls/
- Siemens: <https://new.siemens.com/global/en/products/automation/systems/cnc-sinumerik/automation-systems.html>
- Haas: <https://www.haascnc.com/index.html>

The CHAMPION Now! initiative is described at <https://championnow.org/> and information about Terry’s book is here, <https://championnow.org/book/>. A preview of the video resources Terry mentioned is available here, <https://vimeo.com/481885867>.

Your action for today is to deepen engagement with industry and education to help show how the future of work is changing manufacturing careers and career opportunities for young people. Educators – invite your manufacturing friends in to talk about technologies students can relate to, like robots and additive manufacturing. Industry members – reach out to your education partners and engage them in new ways that focus on emerging technologies. Help change the perception of manufacturing processes and careers in the U.S.