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Workforce Ready Robot at MFHS



MFHS Engineering and Robotics Teacher, Randy Guffey, meets with Jamey Deloney of Tech-Labs to review the new Robotics Curriculum

Marble Falls Junior and Senior students will have the opportunity during the second semester of this school year to earn Industry Certification in programming and operating FANUC Robots. FANUC Robots are used by Texas companies like Dell, Kraft, John Deere, Lear, Toyota, and many high-tech and oil industry firms.

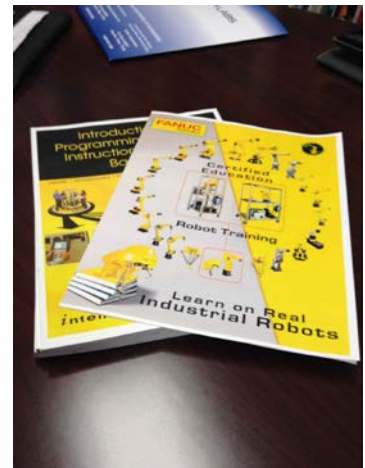
“Our goal is to help our students be workforce ready when they graduate from Marble Falls, said Guffey. “Our Career and Technology Education (CTE) Robotics class will produce students with robotics certification who can go to work in Central Texas right out of school. Our students will also be prepared to advance their training in Community College and University programs.”

The new FANUC Robot is scheduled for delivery to MFHS in October. Once it is delivered, Mr. Guffey will attend an intensive certification program in November so both he and the MFHS CTE program are both certified to deliver the Robotics training beginning in January of 2015.

“By 2018, the United States will be facing a labor shortage as 70 million baby boomers retire,” said Deloney. “With only 40 million new workers entering the job market during that time, we’ll need to bridge the employee gap using robotic automation systems to continue to build North America’s manufacturing base.”

Students trained on the new Robot controller will have the knowledge to progress into a variety of different automation system careers. Job opportunities using the automation system programmable controllers in the new MFHS FANUC system currently range from operating and programming conveyers to sensors, CNC applications, elevators, air conditioning systems, and manufacturing operations.

To find out more about how MFISD is developing Workforce Ready graduates, follow the District’s Career and Technology Education program improvements on *Twitter* @MFISDCTE. The CTE’s *Twitter* feed will also showcase student projects and student-produced product and service opportunities for all of its programs and clubs.



Industry Certification Curriculum with new Robot

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