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East Troy High School to be Certified as a Fabrication Laboratory

East Troy to be on cutting edge of fabrication technology in Wisconsin

EAST TROY, Wis. – East Troy School District announced East Troy High School is working toward Fabrication Laboratory (Fab Lab) certification, an outstanding opportunity to promote greater creativity and innovation among students in the school.

As of 2015, the state of Wisconsin has only seven Fab Labs in operation. These labs support STEAM (Science, Technology, Engineering, Arts and Mathematics) coursework, but more importantly, enhance innovative learning options for students through the use of cutting-edge technologies like 3D printers, vinyl cutters, laser cutters and engravers, milling machines and computer-guided routers.

“Our goal is to provide all students with access to the tools that support innovation, thereby creating opportunities for them to take this knowledge and improve lives and livelihoods all around the world by planning, designing, collaborating, and producing; ultimately representing a deep understanding of their learning.” said Dr. Christopher Hibner, Superintendent of the East Troy School District. “To have our high school be one of a few sites in the entire state to have Fab Lab certification will be a true accomplishment for the district.”

In general, fab labs are equipped with a wide variety of flexible, computer-controlled tools that work with materials and scale lengths. The result is an ability to make just about anything. Many experts are extremely positive about the future of fab labs in the world of technology. While they are not yet able to produce with the world of mass production, they do offer individuals the ability to make customizable smart devices for themselves.

The Fab Lab is the newest and largest example of the district’s forward-thinking nature in terms of technology. East Troy High School students will now have the opportunity to engage in practical, hands-on learning methods that will become more and more prevalent throughout the district. Furthermore, this experience will give East Troy students the ability to design, create, and fabricate. To be producers rather than consumers.

“It is extremely important for us as a district to provide students with educational opportunities that are both practical and engaging,” said Dr. Hibner. “It is our focus to provide personalized learning environments that promote the 5 C’s – creativity, critical thinking, collaboration, communication and content, stated Hibner. “These FabLabs represent a truly unique chance to support those learning experiences, and we are so excited to see how their introduction encourages students throughout the district to learn and grow.”

For more information about the East Troy School District, visit www.easttroy.k12.wi.us.

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