EDUCATION

Center Line High School career academies going strong

continues to redefine secondary education with ca- other organizations. reer academies for all students in grades 10-12. After fessionals come into the career exploration in the school to work with and in-Freshman Academy, sophomore students enter either students go into the work the Academy of Health and Human Services (HHS) or the Academy of Industry, Technology, and Innova-

The HHS Academy features classes in Law Enforcement, Firefighting, Emergency Medical Services, JROTC, Life Guarding, and a Teacher Cadet program.

The ITI Academy includes FANUC Robotics, CNC Computer Numerical Control (CNC), Graphic Design, as well courses in art, business, and engineering. In each academy, students have the opportunity their given field.

The academies are located in separate wings of trolled in this manner. the school, and students take most of their classes High School can acquire meter in robotics," Giacona in that area. This helps de- the skills of CNC robotvelop a team atmosphere within the academy, where structed by Mr. Michael teachers and students can develop strong working relationships.

made my classes more relevant and overall more enjoyable," teacher Donna to meet the demands of the Giacona said. "One of the most basic benefits is that students are being placed dents who want to pursue in classes that spark their interest. I have also enjoyed being given time to collaborate with my colleagues in order to develop acad- are driven, and ready to foemy lessons plans or organize field trips and special

specific courses, the acad-The core teachers make machine.' connections between their content and the academy course work.

how all of their classes are interconnected," English and print media. teacher Dan Hamilton said.

"I can take a topic that in their engineering class, for example, and have them read an article or research information that gible class in which stuwill deepen their understanding."

Center Line teachers have also implemented Project Based Learning, where students work collaboratively to solve problems and develop ideas related to the content of their academy. The classroom give students experiences similar to what they will face when they enter the

work force. Another key component of the academy model is cultivating partnerships with local businesses and organizations to provide students with career based learning experiences and opportunities. CLHS has now and is thrilled with ence realistic law enforce- vices (EMS) is one of the ing the first ten minutes of formed partnerships with the opportunities that it Ford Next Generation Learning, Crest Ford, Rinke

Center Line High School Chevrolet, Binson's Health Care Supplies, and several

> The goal is to have prospire students, and to have place to gain hands-on experience.

> The academies have made school more engaging for students, and given them preparation for college and career choices that will come after graduation.

The Academy of Industry, Technology, and Innovation (ITI)

Computer Numerical Control, also known as CNC, is a machining process used in the manufacturing industry that into earn certifications that volves the use of computcan lead to employment in ers to control tools. Mills, routers, and grinders are all tools that can be con-

Students at Center Line ics thanks to a course in-Quinn. In this class, students learn how to read blueprints, and program these robots have created "The academy model has and set up machine pro-

> These are skills needed manufacturing industry.

"The class is for stua technical career, as well Firefighting as those who might be interested in engineering," Quinn said. "The students cus and learn.

"Overall, I believe that In addition to the career on experiences, so I try to lean more toward those emy model places students types of activities," Quinn and basic emergency medin small learning commu- said. "However, students icine. They learn how to nities where they take core need to take in a lot of inclasses in math, science, so-formation before they are fires, and learn fire precial studies, and English. able to work on the CNC vention safety. The stu-

Graphic design

The Graphic Design class "The academy model has at Center Line High School really helped students see focuses on the design and production of electronic

Electronic media include digital video and photogstudents are working on raphy, while print media are things like t-shirts and business cards.

Visual Imaging is a tandents get to choose to design what they like. Projects include making posters for the auto show, designing advertisements for businesses, and designing and printing t-shirts.

FANUC robotics

Center Line High School projects are designed to offers a FANUC Robotics program in which students participate in learning motion programs. One of the main focuses is creating robot work cells.

> Giacona became certified to scene investigation. The teach this class after some on-line and on-site learning. She has been teaching this course for four years creates for her students.

"FANUC is the industry



CLHS Law Enforcement students use the skills they have learned to conduct a mock crime scene investigation.

said. "These robots do jobs that are repetitive or dangerous. A misconception of robots is that they take jobs away from humans, but interesting and exciting new careers for humans.

The Academy of **Health and Human** Services (HHS)

Center Line High School's Firefighting course is a great educational opportunity open to all students who seek it. The we learn best from hands- course teaches the students everything they need to know about firefighting extinguish many types of dents receive a mix of lecture and hands-on learning about ropes, ladders, fire hoses, and other equipment used in the field. The class also completed a project outside of school in which they helped local residents install smoke detectors.

Law enforcement

The Law Enforcement class teaches students the skills needed to become a police officer.

In this course, Mr. Robert Plotzke, a retired police officer, helps the students achieve their goals and provides them with the same materials and training used at colleges in the

area. Mr. Plotzke shares his many past experiences from his years on the force to give students a firsthand look at real police situations. Activities practiced in this class include traffic stops, felony stops, Course instructor Donna handcuffing, and crime program even has its own police car that the students use in these scenarios.

"When students experiment scenarios, it gives them a better grasp of what it's like in the field," Plotzke



PHOTO BY SARAH SHARPLES

EMS students learn how to properly place an accident victim on a back board.



Graphic Arts instructor Donna Giacona helps Ramondo Flood bring his animation to life.

Emergency medical services

Emergency Medical Sercareer training classes offered at Center Line High School.

David Watts.

In EMS, students learn "Pre- Hospital Care" which is the care provided to a sick or injured person duran emergency.

curriculum that is taught in lergic reactions

The class is taught by Mr. college and medical training courses. Some skills taught throughout the class are CPR, bleeding control, splinting broken bones, and treating heart attacks and strokes. Students also learn how to take care of people The course uses the same with diabetes or severe al-

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