



WORKFORGE



STEPPING UP

IN CAREER TECHNICAL EDUCATION

A CASE STUDY OF HILLYARD TECHNICAL CENTER AND WORKFORGE





HILLYARD TECHNICAL CENTER

Hillyard Technical Center (HTC) started offering vocational classes in 1941, with its first auto mechanic class held in a decommissioned police station in St. Joseph, Missouri. Through decades of community and capital investments, Hillyard Technical Center has become the top vocational and technical training center in northwest Missouri and northeast Kansas.



BACKGROUND

The 141,500 square-foot facility boasts an average annual enrollment of 505 students with an average graduation/completion rate of 78.5% in:

- Automotive
- CASE™
- Carpentry
- Communication Arts
- Computer Applications
- Electronics
- HVAC
- Animal Science
- Industrial Equipment
- Machine Technology
- Mathematics
- Medical
- Plant Science
- Teaching
- Welding
- Agriculture



UNEXPECTED ISSUES

HTC's Electronics Technology & Robotics instructor resigned unexpectedly following the first semester. Despite efforts, a full-time replacement couldn't be found, and the substitute teacher faced challenges with the material. An urgent need arose for an efficient content delivery solution to ensure program completion within four weeks.

DISCOVERY

To find a swift and effective solution, HTC explored the offerings of WorkForge, a known provider of innovative learning solutions. WorkForge's content, delivered on their learning experience platform, presented a compelling solution due to its immediate accessibility and "plug and play" integration potential, which aligned with HTC's pressing timeline.



TAKING ACTION

Ultimately, HTC chose the WorkForge solution and quickly implemented the new content by leveraging WorkForge's project-based implementation process. WorkForge's content was aligned with HTC's curriculum and district requirements, providing a comprehensive program comprising e-learning modules and practical assessments. The student journey combined self-paced online learning with hands-on assessments, ultimately leading to course credit. HTC effectively tailored WorkForge material to accommodate individual student curriculum needs, further enhancing the program's impact.

BUILDING A PROGRAM

Robotics

- PLC-101 Programmable Logic Controllers
- PNE-301 Pneumatic Applications
- PNE-201 Components of a Pneumatic System
- AUT-101 Introduction to Industrial Automation

Electrical Troubleshooting I

- PNE-101 Introduction to Pneumatics
- AUT-201 Process Controls

Electrical Troubleshooting II



MEASURING SUCCESS



End-of-year reporting showed a 91% completion rate of the self-paced e-learning coursework, far exceeding the national average of 5% - 15%.

(Source: elearningindustry.com)



Average test scores from the e-learning portion of the program were 81.1%, exceeding the 67.6% district average.

(Source: Missouri Department of Elementary and Secondary Education)



Two of the twenty-five students from the HTC/WorkForge program went on to win first place in a SkillsUSA State Robotics Automation Technology qualifier which took them to the national conference.



CLIENT FEEDBACK

"I was trained on the platform and then later our substitute teacher was as well so she could address questions in the classroom as they occurred. It is an easy program to learn and navigate for all users!"



TESTIMONIAL

"WorkForge has been incredibly helpful at all levels of our organization. When we lost our full-time instructor, they quickly provided real-world learning options for our students. They assisted us with the software platform and maintained open communication throughout the process. The online component has been well-received by our students and has allowed them to master objectives that were previously unavailable in the traditional classroom setting. I am grateful for their commitment to student achievement and learning!"

JILL HUNTSMAN

DIRECTOR, HILLYARD TECHNICAL CENTER

LEARN



EXPLORE



CONTACT



WORKFORGE.COM
