



HIRE Technology:

Introduction to Advanced Manufacturing and Logistics

Dual Credit and Credentials

Hire Technology offers students both college credit and industry-recognized credentials throughout the two-year curriculum.

DUAL CREDIT

The Hire Technology curriculum is college-level, so students earn credits toward both high school graduation and a college degree. That's ideal for students who want more education before entering the workforce, or for those who might want a technical certificate or to go back for a two-year degree after a year or two on the job. Students can earn up to 15 college credits through Hire Technology. That's equal to \$2,000 in college tuition savings.

But even for the student who doesn't choose post-secondary school training, those dual credit courses are a great investment of time and effort. They send a strong message to potential employers in advanced manufacturing and logistics – a message that says this is a motivated applicant who already possesses the middle-skill training AML employers want and need.

For students and their parents, that can be a huge advantage – controlling higher education costs by reducing the time to complete a degree.

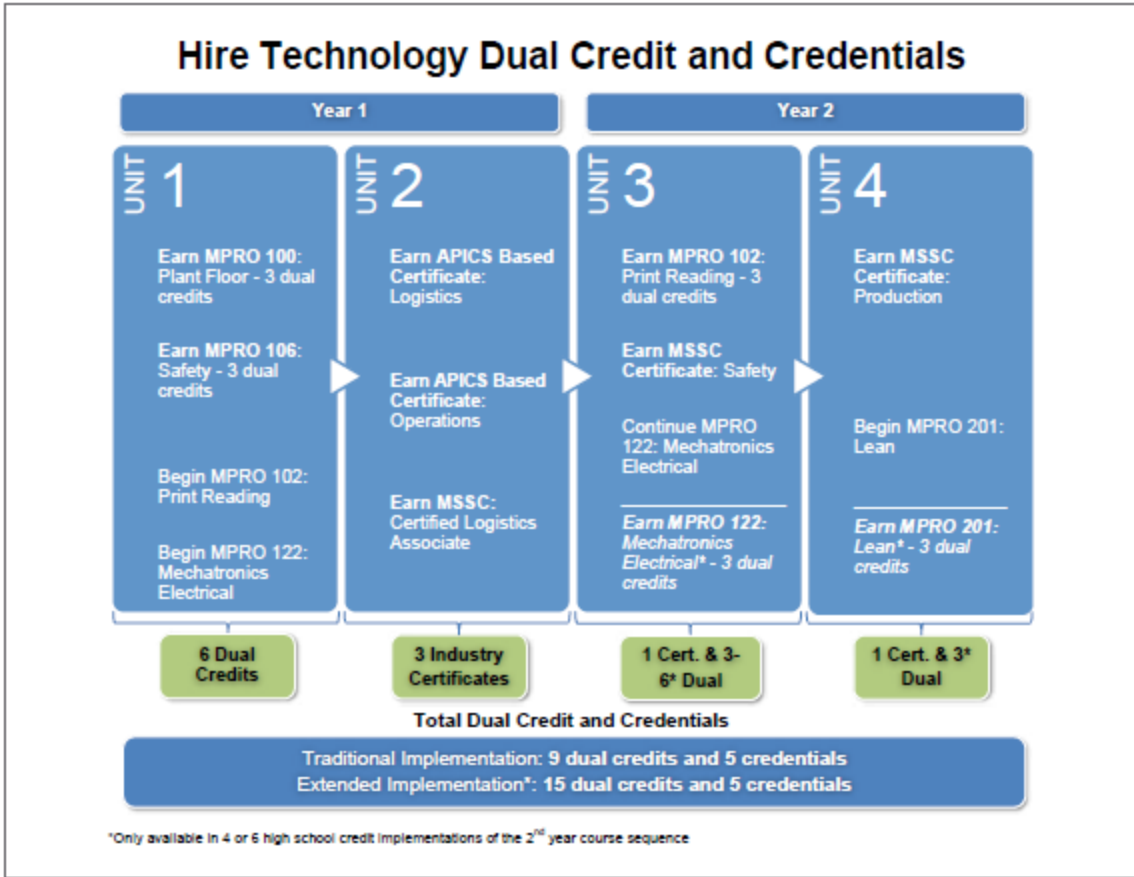
INDUSTRY CREDENTIALS

While some of the most exciting and rewarding careers in Indiana – and, in fact, throughout the U.S. – are in advanced manufacturing and logistics, the door to jobs in AML doesn't open to just anyone. AML companies are looking for employees with well-defined skills – skills that are represented by industry-recognized credentials – and who possess the enthusiasm to work hard, work smart and succeed in a career. Hire Technology prepares students with both the skills and the credentials needed to be one of those sought-after employees.

Students can earn five credentials from two industry-recognized credentialing bodies - Manufacturing Skill Standards Council (MSSC) and APICS, the supply chain and operations management association most respected by Hoosier employers.

EARNING DUAL CREDIT AND CREDENTIALS

Hire Technology has been developed so students earn dual credits and credentials throughout the two-year program. The following pages outline the courses students take and the credentials they earn along the two-year continuum. Some dual credits are earned in one semester, while others span multiple years. Also, some dual credits are available only to students who follow an extended implementation schedule.



The Basics: Industry-Recognized Certificates

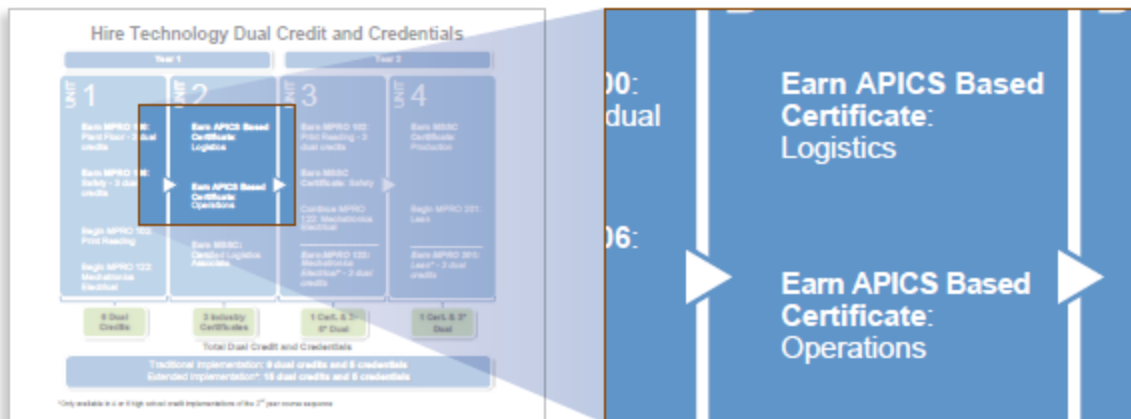
Students can earn up to five credentials over the two-year Hire Technology curriculum. Credentials are available for mastering content provided by APICS, the leading professional association for supply chain and operations management and the Manufacturing Skill Standards Council (MSSC), a key provider of foundational credentials under the National Association of Manufacturers Skills Certification System.

Together these five credentials are Hire Technology students' tickets to opportunity in AML and a rewarding high-tech career. Coupled with the necessary job-readiness skills and a strong work ethic, these certificates help students stand out in their job search efforts.

ELEMENTS OF LOGISTICS AND ELEMENTS OF OPERATIONS



Two certificates – Elements of Logistics and Elements of Operations— are awarded with the approval of APICS, which partnered with Conexus Indiana to facilitate the creation of the two new middle-skills certificates. Certificates are earned during Year 1 in the second semester.



Individuals who pass the assessments and are awarded the credentials have demonstrated an understanding of industry skills and processes and hold a level of logistics and/or operations knowledge sufficient to begin a “middle-skill” career in these industries. Critical work functions and their related key activities are described below:

ELEMENTS OF LOGISTICS

- » Manufacturing and Logistics Processes: Definitions
- » Introduction to Logistics and Distribution
- » Distribution Centers and Distribution Center Management
- » Material Handling
- » Inventory Management
- » Shipping and Transportation
- » Global/International Logistics
- » Information Systems
- » Reverse Logistics

ELEMENTS OF OPERATIONS

- » Operations Management Overview
- » Teamwork and Communication
- » Components of the Supply Chain
- » Facility Layout, Equipment, and Systems
- » Operations Planning
- » Continuous Improvement
- » 5S
- » Lean
- » Six Sigma

MSSC CREDENTIALS

Students can earn up to three industry certificates in Hire Technology through the Manufacturing Skills Standards Council (MSSC). These certificates are part of an industry-led system focused on the core skills and knowledge today's front-line production and materials handling workers need. Students learn important concepts in logistics, safety and production to earn MSSC certificates. Those certificates include MSSC's Certified Logistics Associate (CLA) Certificate, MSSC's Certified Production Technician - Safety Certificate, and MSSC's Certified Production Technician - Manufacturing Processes & Production Certificate.

These certificates are awarded during Year 1 and Year 2 as seen in the chart below:



Individuals who are awarded the MSSC - CLA credential have demonstrated an understanding of industry skills and processes and hold a level of logistics knowledge sufficient to begin a "middle-skill" career in these industries. Critical work functions and their related key activities are described below:

- » Global Supply Chain Logistics Life Cycle
- » Logistics Environment
- » Material Handling Equipment
- » Safety Practices
- » Safe Material Handling and Equipment Operation
- » Quality Control Principles
- » Workplace Communications
- » Teamwork and Workplace Behavior to Solve Problems
- » Using Computers