

# INDUSTRY CERTIFICATION

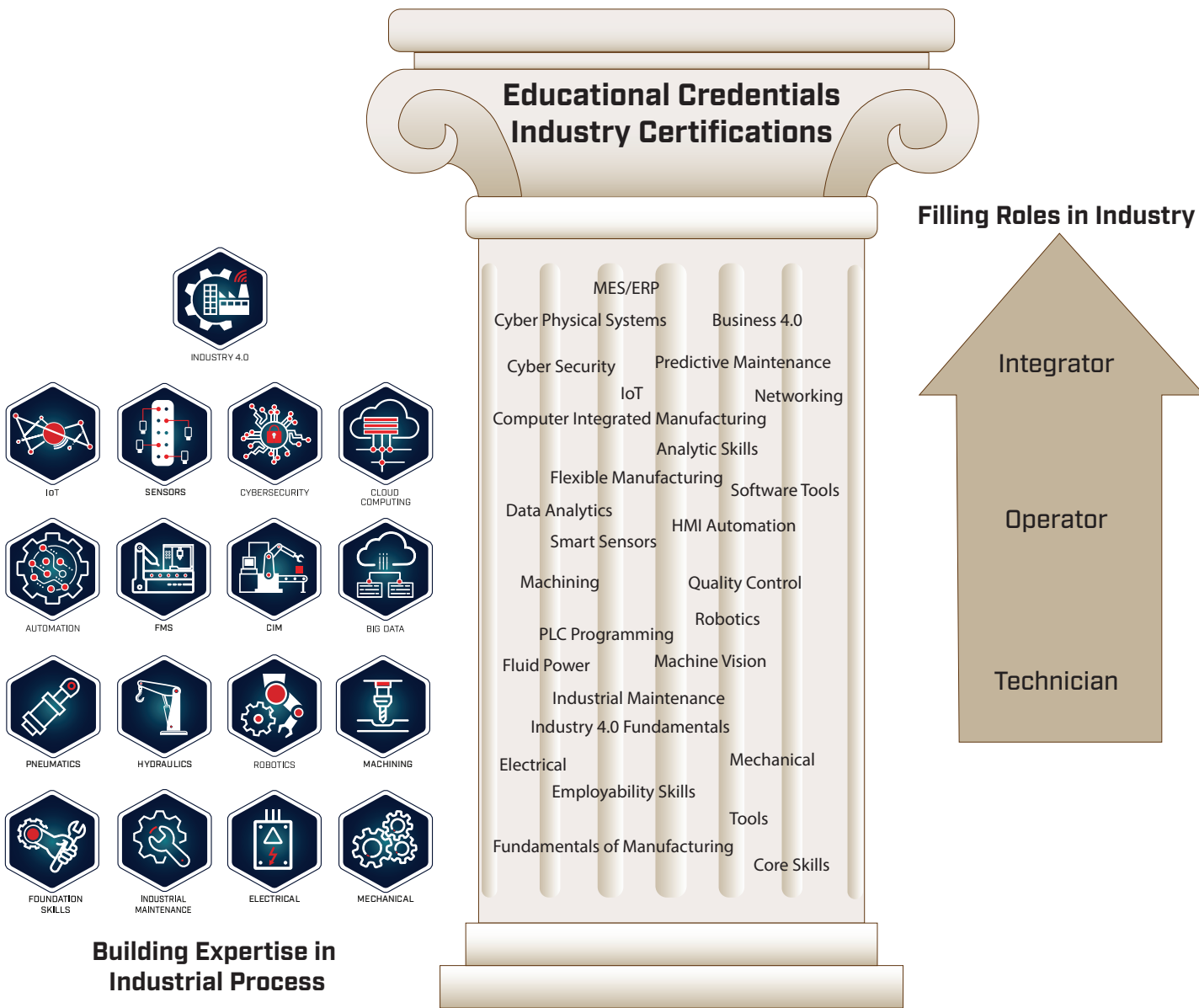


## Certification for Advanced Manufacturing

Certification validates the learning process and learning outcomes of educational institutions. The certification process also allows employers and educational institutions to validate the technical acumen of certified individuals. In the dynamic world of Career and Technical Education (CTE), taking a simple test is never enough. Having a certification that includes both hands-on activities and validation of a technical body of knowledge, is more valuable and underscores the commitment to educational excellence.

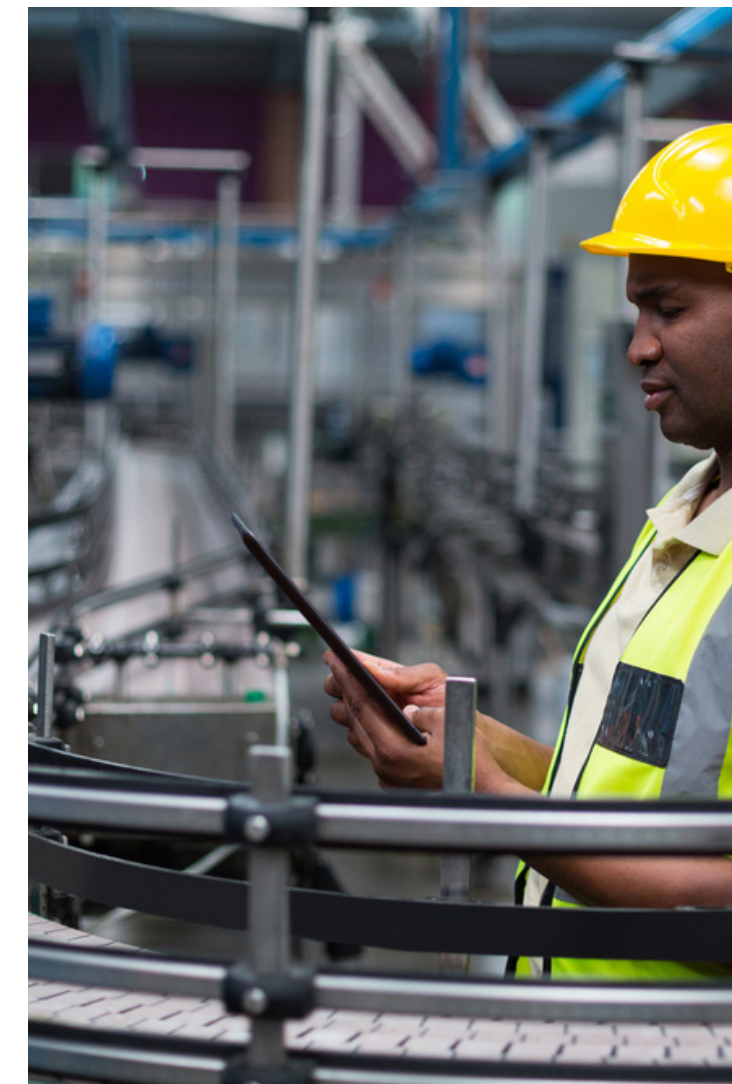
# Intelitek Dedication to Excellence

Since its inception over 40 years ago, Intelitek has been laser focused on not only outcomes, but on training candidates with the right skills that are needed in industry. This has never been more important than now as Industry 4.0 and advanced manufacturing technologies change faster than education is able to teach. Ensuring graduates have solid job skills, learning skills and critical thinking skills is just as important as technical knowledge.



# Certification Validates Skills

Industrial certifications give students and veteran workers the validation that they have achieved a level of skills relevant to comprehensive and rigorous industry standards. Certifications that assess both practical hands-on performance and the technical body of knowledge, convey to employers that a person has the skills necessary for a particular job. Schools or institutes that align with industry driven certifications are assuring that their curriculum teaches the knowledge and skills industry needs.



## Micro Credentials

- Yaskawa Robot Operator
- Yaskawa Robot Programmer
- Cognex Machine Vision Administrator
- Siemens RobotExpert PLM Operator

## Industry Certifications

- NIMS Industrial Technology Maintenance (ITM)
- NIMS Industry 4.0 Production Specialist



# Intelitek Content and Certifications

Intelitek’s curriculum is designed to educate beyond simple theory and uses hands on, skill-based training to enable students to learn how to do the job in industry. Intelitek and our partners have worked to align our content and lab exercises to prepare students to succeed when completing the Certification process. Working with Subject Matter Experts from education and industry, Intelitek has developed state of the art instruction that aligns with business needs

## BENEFITS OF CERTIFICATION



### FOR THE EMPLOYER

- Independent validation of knowledge and capabilities
- More reliable, easier hiring process
- Lower onboarding and training costs



### FOR THE SCHOOL

- Alignment with Industry needs
- Corroboration of educational process and goals
- Independent authentication of student achievement
- Supplements institutes accredited program



### FOR THE STUDENT

- Documented achievement of skills
- Professional advancement
- Portability of credentials

## Why This is More Important Now

Industry is going through radical changes as automation, data analytics, robotics, and artificial intelligence are changing the way processes work. To support the new, dynamic industrial world, companies in all industries are desperate to find good, qualified skilled technicians and operators with practical experience and the natural problem-solving intuition to keep pace with the change. Industrial Certification programs like these, that don't just ask a set of multiple-choice questions but evaluate the student's skills to perform the task properly ensure good students are being placed into better jobs. Educational institutions have the flexibility to launch their certification program at the speed of business or within the traditional academic calendar.








## About NIMS

NIMS is a nonprofit formed in 1995 to develop and maintain a globally competitive workforce. Their mission is to help organizations improve overall performance by teaching them how to train and validate training with practical experiences that reflect what individuals and teams will face on the job.

NIMS has a stakeholder base of over 6,000 companies in partnership with major industry trade associations:



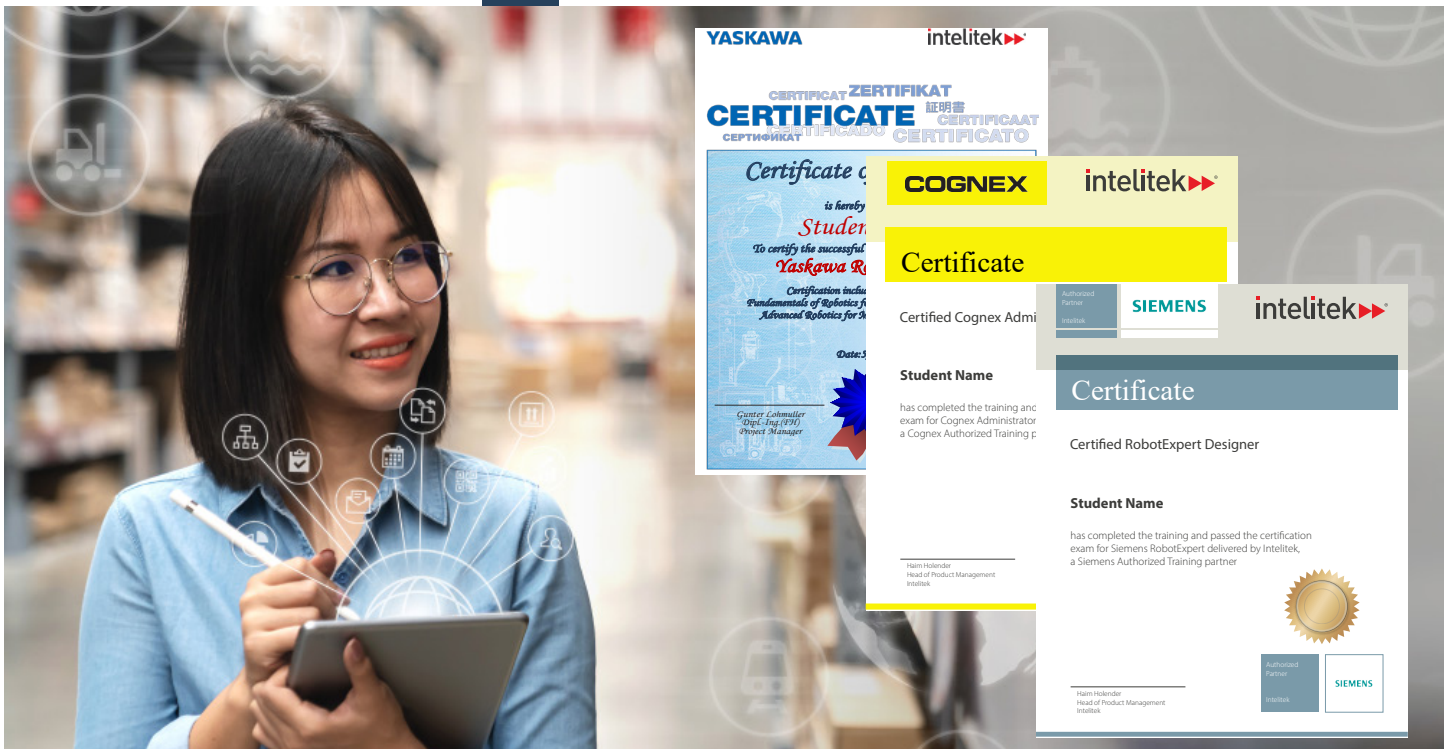
# Train & Validate with practical experiences that reflect industry

<p><b>ITM</b></p> 	<p><b>NIMS Smart Industrial Technology Maintenance</b></p> <ul style="list-style-type: none"> <li>Duty Area: Maintenance Operations Specialist</li> <li>Duty Area: Mechanical Systems Specialist</li> <li>Duty Area: Hydraulic Systems Specialist</li> <li>Duty Area: Pneumatic Systems Specialist</li> <li>Duty Area: Electrical Systems Specialist</li> <li>Duty Area: Electronic Control Systems Specialist</li> </ul>	<p>Intelitek Curriculum aligned to NIMS ITM</p> <p>NIMS Performance Measures on Intelitek Lab</p> <p>Foundation Skills Electrical Mechanical Hydraulics Pneumatics PLCs</p>	
			
<p><b>INDUSTRY 4.0</b></p> 	<p><b>NIMS Industry 4.0</b></p> <ul style="list-style-type: none"> <li>Duty Area: Industry 4.0 Production Specialist</li> </ul>	<p>Intelitek Curriculum aligned to NIMS Industry 4.0</p> <p>NIMS Performance Measures on Intelitek Lab</p> <p>Advanced Manufacturing Computer Integrated Manufacturing Industry 4.0</p>	


# Intelitek Industry 4.0 Training Program


Industry 4.0 is a concept where industrial processes and manufacturing plants take advantage of the most advanced technologies and use data collected in real time from the factory floor to monitor, maintain, and optimize in real-time.

The Intelitek training programs for Industry 4.0 focus on three aspects of training: First, the core technology skills so students can understand the technologies and how they work. Second, the interdependence of systems, the communications, automation, and interaction of systems within an industry 4.0 environment. And thirdly, the benefits of integrated industry 4.0 systems and the personal employability skills required to work in this new, collaborative world of industry.



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