

IMPLEMENTING INDUSTRY CREDENTIALS

January 2019

APPRENTICESHIPS / PRE-APPRENTICESHIPS

The Educational Service Center of Central Ohio and the Department of Job and Family services have developed a partnership that will allow the ESC to serve as a registered pre-apprenticeship and apprenticeship sponsor.

What does this mean?

The ESC will work with a district and a local business to develop a pre-apprenticeship/apprenticeship plan. This plan would include information on the coursework and work based learning experiences that will teach the student basic technical and job-readiness skills for the occupation they are entering. The ESC would then work with the Department of Job and Family Services to gain approval of the plan, monitor the implementation of the plan, and certify that the student(s) have completed the requirements of the plan and should be awarded the pre-apprenticeship/apprenticeship twelve point industry credential.

Benefits for the Student/District

- Students will earn a 12-point industry credential that can be applied toward a graduation pathway
- Students can be paid for the work-based learning experiences through state/federal funding programs
- Structured, on-the-job training
- National certification and recognition
- Future employment prospects
- Connection with business/industry partners

Benefits for Employers

- Establishes a pipeline of skilled workers
- Reduced employee turnover costs
- Reduced employee recruitment costs
- Customer marketing tool
- Funding opportunities

BASE CREDENTIALS

One strategy to implement industry credentialing programs into your setting is to be proactive by establishing a set of base credentials that all students can earn and apply in multiple career fields. This allows you flexibility to then be able to add a lower point credential and allow the student to earn the 12 points needed in a career field.

EXAMPLES: BASE CREDENTIALS

CPR/First Aid I 1 point

Requirements: First Aid/CPR certificate

Provider: Red Cross. Will certify high school staff to become trainers; in-person or online certification classes available

Cost: Varies depending on model adopted

[Learn More >](#)

OSHA Training I 1 point

The 10-hour training program is primarily intended for entry-level workers. The 30-hour training program is intended to provide workers with some safety responsibility, a greater depth and variety of training. All outreach training is intended to cover an overview of the hazards a worker may encounter on a job site. Training emphasizes hazard identification, avoidance, control and prevention, not OSHA standards.

Requirements: OSHA training completion certificate. Can be 10-hour or 30-hour. Both are worth one point.

Provider: Multiple [online providers](#). [OSHA Trainer Certification](#) is also available for staff interested in becoming a trainer.

Cost: Varies depending on the delivery method adopted

[Learn More >](#)

Hazwoper I 3 - 6 points, depending on level

There are three levels for HAZWOPER training as listed in the OSHA 1910.120 regulations. The first level for pertains to emergency response. The second level is cleanup of contaminated hazardous waste sites. The last level pertains to the treatment, storage and disposal (TSD) of hazardous waste.

Requirements: Completion of training hours required by level.

Provider: Multiple online providers and training options can be found based on level of training needed. [Read the FAQs](#).

Cost: Varies depending on the delivery method adopted.

Lean Six Sigma Greenbelt Certificate I 6 points

The IASSC Certified Lean Six Sigma Green Belt™ (ICGB™) is a professional who is well versed in the core to advanced elements of Lean Six Sigma Methodology, who leads improvement projects and / or serves as a team member as a part of more complex improvement projects lead by a Certified Black Belt, typically in a part-time role. A Lean Six Sigma Green Belt possesses a thorough understanding of all aspects of the Lean Six Sigma Method including competence in subject matters contained within the phases of Define, Measure, Analyze, Improve and Control (DMAIC) as defined by the IASSC Lean Six Sigma Green Belt Body of Knowledge™. A Lean Six Sigma Green Belt understands how to implement, perform, interpret and apply Lean Six Sigma at a high level of proficiency.

Requirements: The IASSC Certified Lean Six Sigma Green Belt Exam™ is a 100-question, closed-book, proctored exam with a 3-hour allotted time. The Exam contains approximately 20 multiple-choice and true/false questions from each major section of the IASSC Lean Six Sigma

Green Belt Body of Knowledge and is administered in more than 8,000 Testing Centers located within 165 countries throughout the world and through the IASSC Web-Based On-Demand testing system and by hundreds of IASSC Accredited Providers. In order to achieve the professional designation of IASSC Certified Green Belt (IASSC-CGB™) from the International Association for Six Sigma Certification, candidates must sit for the IASSC Certified Lean Six Sigma Green Belt Exam and achieve a minimum score of 385 points out of a total potential of 500 points.

Preparation: For those who wish to sit for the exam it is recommended, but not required, that Lean Six Sigma training is obtained through a qualified institution, Lean Six Sigma trainer or corporate program. It is also recommended, although not required, that those sitting for the exam have some degree of real-world Lean Six Sigma work experience and project application experience. [Curriculum](#) is also available to prepare students for the test.

Cost: Varies depending on the preparation curriculum adopted and the cost of the testing.

CREDENTIALS IN A TRADITIONAL HIGH SCHOOL SETTING

These are credentials that can be implemented in a traditional HS setting. They do not have an age requirement, no large equipment is needed and high school staff can provide the needed instruction.

Adobe Certifications

Several certifications available worth four points per certification

There are 28 Adobe certifications available that ODE has approved for 4 points each. Adobe certification illustrates to the marketplace that the student is able to perform the job role outlined in the selected certification. These credentials could possibly be incorporated into existing art/graphic design courses. Information about each of the available certifications can be found here <https://www.adobe.com/training/certification.html>

Requirements: Students would receive certification by passing certification exams. The exams are offered online. Adobe also offers preparation materials. Information about the exams and preparation materials can be found on the [website](#).

Cost: Varies depending on the preparation curriculum selected and the cost of the testing.

Microsoft Certifications

Several certifications available worth 3 points per certification

There are 22 Microsoft certifications available that ODE has approved for 3 points each. These certifications demonstrate that the student has the skills needed to get the most out of Office by earning a certification in a specific office program. These credentials could possibly be integrated into existing business classes. Information about each certification is available on the [website](#).

Requirements: Students receive certification by passing certification exams. Microsoft offers preparation materials. Information about the exams, along with preparation materials, can be found on the [website](#).

Cost: Varies depending on the preparation curriculum selected and the cost of the testing.

Autodesk/Autocad Certification

Worth various point amounts based on the certification selected

Several certifications can be earned through the Autodesk certification portal. Online practice resources and certification exams around many skills including Autocad programs are provided. These credentials could be integrated into existing drafting/design courses. [More information can be found online.](#)

Requirements: Students would receive certification by passing certification exams. The exams are offered online. Information about the exams and preparation materials can be found here <https://certiport.pearsonvue.com/Certifications/Autodesk/Certifications/Learn>

Cost: Varies depending on preparation and the cost of the testing.

OTHER CONSIDERATIONS

When implementing industry credentialing, try thinking about what pathways you currently have in place and how it may be possible to incorporate industry credentials into those existing pathways. Several resources are available to assist you in identifying which credentials would be a good fit, including ODE program specialists for each career field area.

The program specialist contact information can be found by going to the career technical page on the ODE website and clicking on the career area.

Your career technical school staff and your educational service center staff can also offer assistance in incorporating industry credentialing opportunities.

EXAMPLES: EXISTING PROGRAMS

Agricultural I Explore the [possible industry credentials](#) and identify what could be possible.

ODE Agriculture Program Specialists

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Family and Consumer Science I Explore the possible industry credentials and identify what could be possible under the hospitality and tourism [list of credentials](#).

ODE Program Specialist

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Education and Training I ODE recognizes a 12-point industry credential under education and training for a pre-apprenticeship/apprenticeship program. Through the partnership developed between the ESC of Central Ohio and Job and Family Services, it is possible to utilize your teachers to develop an apprenticeship program that provides the required work-based learning experience needed for students to earn the industry credential.

See information on pre-apprenticeship/apprenticeship.

FUNDING

The following are possible sources of funding for industry credentialing programs.

Through a reimbursement process, WorkKeys testing (requirement of the Industry Credential graduation pathway) is covered by state funding.

Funding for Career/Technical pathways can be obtained through [CTE-26](#), which helps cover costs associated with curriculum and testing related to industry credentialing.

Senior Only credentialing programs have separate sources of funding. Pre-apprenticeship/ apprenticeship funding is available and will be discussed during program development process. More information is available on the [ODE web page](#).

Check with local businesses and industries to see if they'd be willing to help fund credentialing tests. Many are interested if it allows them to develop a workforce pipeline.

State grants, such as the [Expanding Opportunities for Each Child grant](#), are often available to offset the costs of industry credentialing pathway implementation.

Need Assistance?

Contact Christine Galvin, Director of College and Career Success at the ESC of Central Ohio.
Christine.Galvin@escoco.org | 614.753.4704



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