



MCTA Fall Meeting

Office of College and Career Pathways

September 27, 2024

PRESENTED BY

Office of College and Career Pathways



Presentation Outline

1. Professional and Technical Education
2. MD CTE Learn
3. Apprenticeship and Industry-Recognized Credentials



1. Professional and Technical Education

Occupational Experience Requirements

Occupational Experience

A. Experience Requirements

- i. Verification of 3 years of occupational experience in the area to be taught that may include satisfactory post-secondary teaching experience in the area to be taught; and/or satisfactory employment.
- ii. The applicant may substitute a Department-accepted, current industry-recognized credential for 1 year of the occupational experience requirement.
- iii. The applicant may substitute a bachelor's or associate's degree in the area to be taught for 1 year of the occupational experience requirement.

Occupational Experience

- b. Completion of 12 credits of professional education coursework from an institution of higher education or through Department-approved continuing professional development credits to include the following topics:
 - i. Planning, delivering, and assessing instruction;
 - ii. Classroom management;
 - iii. Differentiating Instruction to accommodate students with special needs; and
 - iv. Teaching literacy in the content area.



ACTE - MD CTE Learn

Credit Course through ACTE

MSDE Topics	ACTE Topics
<ul style="list-style-type: none"> • Planning, delivering, and assessing instruction 	<ul style="list-style-type: none"> • Instructional Planning and Design <ul style="list-style-type: none"> ○ 9 Courses • Instructional Delivery and Assessment <ul style="list-style-type: none"> ○ 12 Courses • Instructional Theories and Applications <ul style="list-style-type: none"> ○ 6 Courses
<ul style="list-style-type: none"> • Classroom management 	<ul style="list-style-type: none"> • Managing the Class and Students <ul style="list-style-type: none"> ○ 7 Courses
<ul style="list-style-type: none"> • Differentiating Instruction to accommodate students with special needs 	<ul style="list-style-type: none"> • Supporting Diverse Students <ul style="list-style-type: none"> ○ 10 Courses
<ul style="list-style-type: none"> • Teaching literacy in the content area 	<ul style="list-style-type: none"> • Instructional Planning and Design

MSDE Resources for Career Coaches



PROGRESSION OF WORK-BASED LEARNING EXPERIENCES

		Elementary School		Middle School			High School			Postsecondary						
Career Awareness	Interest surveys	[Orange bar from PreK-3 to grade 11]														
	Diverse classroom career activities	[Orange bar from PreK-3 to grade 14]														
	Diverse employer job talks	[Orange bar from PreK-3 to grade 16]														
Career Exploration	Career fairs	[Blue bar from grade 4 to grade 16]														
	Workplace tours	[Blue bar from grade 4 to grade 16]														
	Job shadows	[Blue bar from grade 5 to grade 16]														
	Structured career exploration lessons	[Blue bar from grade 5 to grade 16]														
Career Preparation	Informational interviews	[Blue bar from grade 5 to grade 16]														
	School-based enterprises	[Green bar from grade 6 to grade 16]														
	Counseling	[Green bar from grade 6 to grade 16]														
	Internships	[Green bar from grade 8 to grade 16]														
	Career and technical education	[Green bar from grade 8 to grade 16]														
	Apprenticeships	[Green bar from grade 8 to grade 16]														
	Career and technical student organizations	[Green bar from grade 8 to grade 16]														
Career Seeking and Advancement	Simulated work-based learning	[Green bar from grade 8 to grade 16]														
	Job-seeking training	[Green bar from grade 9 to grade 16]														
	Job applications	[Purple bar from grade 11 to grade 16]														
	Job training	[Purple bar from grade 12 to grade 16]														
	Career and financial management training	[Purple bar from grade 12 to grade 16]														
Audience (Grade Level)		PreK-3	4	5	6	7	8	9	10	11	12	13	14	15	16	

Courses for Career Support Staff

ACTE Topics	ACTE Courses
• Essentials for Career Support Professionals	• 17 Courses
• Supporting Diverse Students	• 4 Courses
• Employer and Industry Engagement	• 4 Courses
• Student Support Systems and Programming	• 7 Courses

Earning College Credit



UNIVERSITY OF
CENTRAL
MISSOURI

- Earn **1 Semester Credit Hour (SCH)** for any block of **4 CTE Learn Courses**. A separate application is required for each block of 4 courses. **(48 CTE Courses = 12 Credits)**
- UCM's fee for award of a **1 SCH** undergraduate or graduate credit **is \$125**. Award of graduate credits requires proof of a bachelor's degree and submission of a reflection paper with each application. **(12 credits @ \$125 = \$1,500)**

Other Costs - \$298 Per User

Individuals: Purchase access for one user. You'll get a subscription key that gives you unlimited access to all courses. You can enroll in any course you want during your one-year subscription period. For continued annual access, make a new purchase every year.

Institutions: Purchase access for as many users as you need. You get one single subscription key that you can share with all your users. The key gives unlimited course access to your users, allowing them to enroll in any course during your one-year subscription period. You will get a "Key Panel" to monitor usage and track course enrollments, completions, and certificates. For continued annual access, make a new purchase every year. **(For CTE Teachers and Career Coaches)**

VIP Discount: Individual Members of ACTE receive 10% discount. ACTE's Educational Institution Members receive 30% discount. Your VIP Code is located in your Member Welcome Kit. Email support@ctelearn.org if you need any assistance.

More Information



SCAN ME

www.md.ctelearn.org

Partnership Opportunities



- MSDE and MCTA work together to identify courses that meet Part B of the Occupational Experience Requirement for the Professional and Technical Education teacher license.
- Work with the Division of Educator Effectiveness for approval.
- Explore the cost of an Institutional Membership and determine an equitable way to pay for it for statewide support of CTE Teachers and Career Coaches.



1. Apprenticeship and Industry-Recognized Credentials

Apprenticeship and Industry-Recognized Credentials

Industry Recognized Credentials

Policy on Industry-Recognized Credential Definition and Criteria, Approval and Review Process, List of State-Approved Credentials

Approved by the AIB on 8/28/24 with recommendations



Industry Recognized Credentials

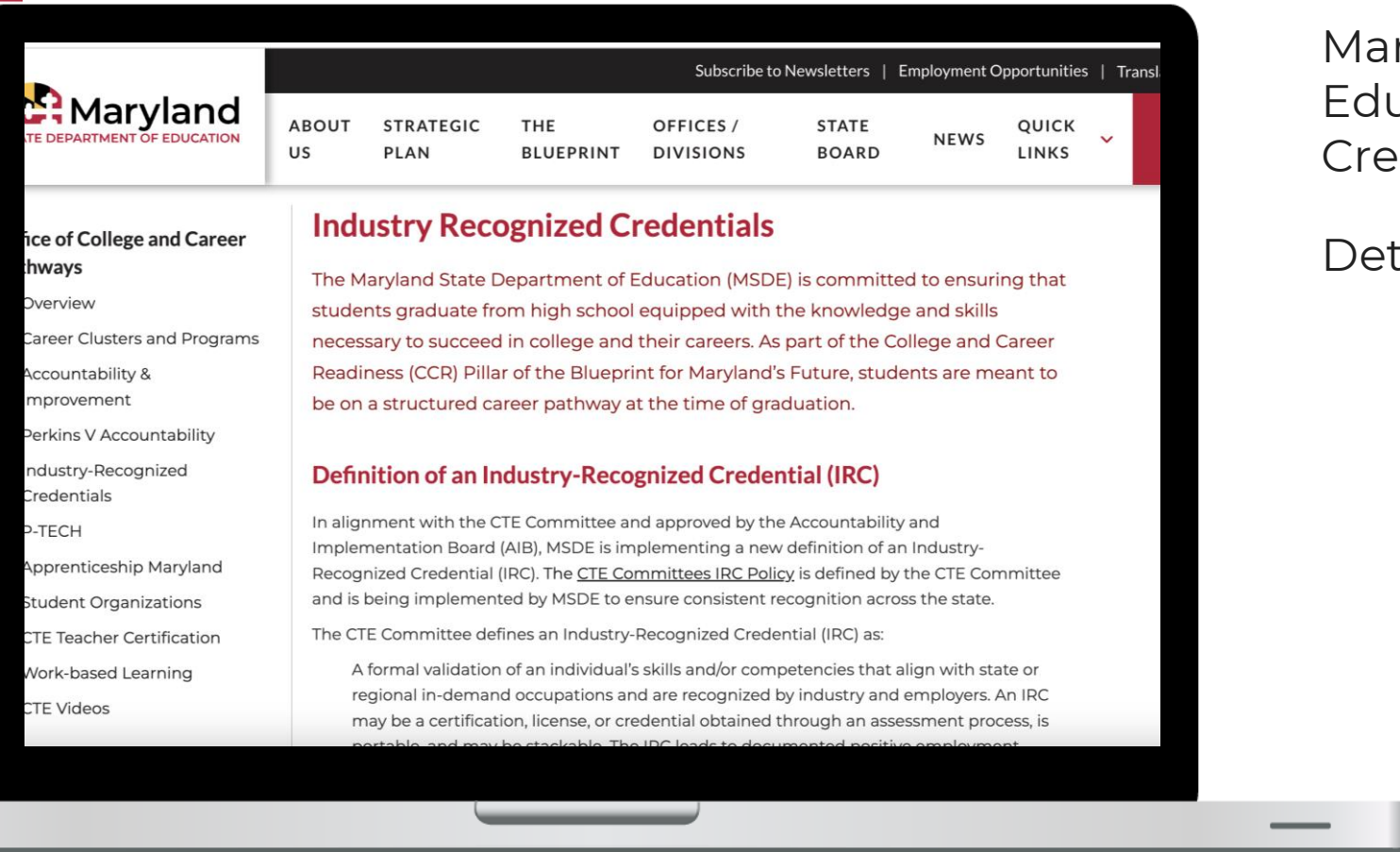
Maryland State Department of Education, Industry Recognized Credentials webpage.

Detailed implementation processes.

Industry Recognized Credentials

Maryland State Department of Education, Industry Recognized Credentials webpage.

Detailed implementation processes.



Apprenticeships



GWDB Policy on Apprenticeships for High School Students Under Blueprint for Maryland's Future

*Pending AIB Approval as of 9/27/2024

Program Resources and Supports

Apprenticeship and IRC E-Community
<https://msde.instructure.com/login/canvas>

See the new updated modules:

- Overview: Apprenticeships in Maryland with
- Overview: Industry Recognized Credentials in Maryland
- Strategic Scheduling
- Scaling Apprenticeships: Lessons from Maryland Works

Scaling and Lessons from Maryland Works

About These Resources

The Maryland State Department of Education (MSDE) strategically invested \$12.2 million of the remaining one-time American Rescue Plan Elementary and Secondary School Relief Funds (ESSER III) to enhance career-connected infrastructure systems and processes. This investment ensures that we, as a state, are prepared to serve over 900,000 young people across 24 Local Education Agencies (LEAs) with high-quality college and career pathways that are responsive to market demands, particularly emphasizing industry-aligned apprenticeships as a benchmark of excellence.

The resources available here include a collection of artifacts, tools, resources, and other materials that represent the intellectual property of the school districts from which they originate. It is strongly recommended to seek permission or contact the respective Local Education Agency (LEA) for further information or additional details related to these resources.

Montgomery County

1. Work-Based Learning Continuum [Infographic for Schools](#) ↓
2. Draft of an [Employer Survey](#) ↓
3. [RFP Sample](#) ↓ for WBL Platform

Apprenticeships and Industry Recognized Credentials

- Collaboration with school support and Maryland Higher Education Commission
- Data mapping and vision forward

Questions

- One-pagers for in-demand industry-recognized credentials
- If one county gets an IRC approved, does it count for everyone?
- Is there any chance of a “job readiness” assessment counting (NOCTI, ACT WorkKeys)?
- How do we submit for corrections the names of certifications on the current list?
- HSDC instructions – TDB
- What IRCs will MSDE recommend for Youth Apprenticeship in or outside of the skilled trades?

CTE Industry-Recognized Credential Fact Sheets

Spring 2024

Adobe Certified Professional After Effects

CERTIFYING ORGANIZATION

Certiport

CREDENTIAL DESCRIPTION

The Adobe Certified Associate After Effects exam measures the following domains: working in the visual effects and motion graphics industry, project setup and interface, organizing video projects, creating and modifying visual elements, and publishing digital media.

LABOR MARKET INFORMATION

SOC Code(s)	Aligned Occupation(s)	Entry Level Salary (25 th Percentile)
27-4032.00	Film and Video Editors	\$46,800.00

CTE PROGRAM ALIGNMENT

Career Cluster	Program of Study
Arts, Media, and Communication	Film and Video Editors

+ CERTIFICATION COSTS

Initial	Recertification	Retest
\$75.85	\$75.85	\$75.85

TESTING INFORMATION

Criteria	Description
Age Limitations	None
Test Format	<input type="checkbox"/> Paper <input checked="" type="checkbox"/> Computer-Based (online) <input type="checkbox"/> Performance / Skill Testing
Number of Questions	35
Exam Time	50 minutes
Exam Site	Schools can become a testing center
Can Instructor Proctor?	Yes
Available Accommodations	None
Available Modifications	None

MORE INFORMATION

<https://certiport.pearsonvue.com/Certifications/Adobe/ACP/Certify>

Contact Information

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