

**OFFICE OF CHIEF ACADEMIC OFFICER**  
**Summary of State Board of Education Agenda Items**  
**Consent Agenda**  
**July 27, 2023**

**OFFICE OF SECONDARY EDUCATION/CAREER AND TECHNICAL EDUCATION**

H. Approval of industry certifications that will calculate in the Acceleration component of the Accountability Model for the 2023-2024 School Year

Background Information: Accountability Business Rule 9.2 states that the Acceleration component refers to the percentage of students taking and passing the assessment associated with accelerated courses which include Advanced Placement (AP), International Baccalaureate (IB), Advanced International Certificate of Education (AICE), dual credit or SBE-approved industry certification courses.

The Mississippi Perkins V State Plan currently identifies industry certification as the Measure of program Quality for career and technical education programs. There are 40 industry certifications that will be administrated through the Career and Technical Education Statewide Testing Program for 2023-2024 School Year for students who successfully participate in the corresponding program of study. The Office of Career and Technical Education is requesting approval for these 40 industry certifications to count in the calculations for Business Rule 9.2 for the 2023-2024 School Year.

The 40 industry certifications have been researched and vetted to ensure alignment to the state program career and technical education curriculum and the current needs of business and industry. Additionally, the State Workforce investment Board (SWIB) reviews the industry certifications to ensure they meet the needs of business industry and qualify for reimbursement in accordance with Miss. Code Ann. § 37-153-15.

Recommendation: Approval

Back-up material attached

**SWIB Approved CTE Industry Certifications  
2023-2024**

<b>Industry Sector/Cluster</b>	<b>Program Area/Pathway</b>	<b>Certification</b>	<b>SWIB Recognized</b>
<b>Architecture &amp; Construction</b>	Architecture & Drafting	Autodesk Certified User - AutoCAD	Yes
	Carpentry	NCCER Core Curriculum	Yes
		NCCER Carpentry Level 1	Yes
	Electrical	NCCER Core Curriculum	Yes
		NCCER Electrical - Level 1	Yes
	Heating, Ventilation, & Air Conditioning	NCCER Core Curriculum	Yes
		NCCER HVAC Level 1	Yes
Heavy Machinery Operation	NCCER Core Curriculum	Yes	
	NCCER Heavy Equipment Operations Level 1	Yes	
<b>Business Management &amp; Administration</b>	Business, Marketing, and Finance	Entrepreneurship and Small Business Certification	Yes
<b>Hospitality &amp; Tourism</b>	Culinary Arts*	ServSafe Manager*	Yes
<b>Human Services</b>	Early Childhood Education *	Pre-PAC Early Childhood Education*	Yes
<b>Manufacturing</b>	Advanced Manufacturing	NCCER Core Curriculum	Yes
	Industrial Maintenance	NCCER Core Curriculum	Yes
		NCCER Industrial Maintenance E&I Technician Level 1	Yes
	Instrumentation	NCCER Core Curriculum	Yes
		NCCER Instrumentation Level 1	Yes
	Metal Fabrication	NCCER Core Curriculum	Yes
		NIMS: Machining Level 1 - Measurement, Materials, & Safety	Yes
Precision Machining	NIMS: Machining Level 1 - Measurement, Materials, & Safety	Yes	
Welding	NCCER Core Curriculum	Yes	
	NCCER Welding Level 1	Yes	
<b>Science, Technology, Engineering, &amp; Mathematics</b>	Engineering	Certified Solidworks Associate	Yes
	Energy Technology	NCCER Core Curriculum	Yes
	Unmanned Aerial Systems	FAA Part 107	Yes
<b>Transportation &amp; Logistics</b>	Automotive Service Technician	ASE Automobile: Automobile Service Technology	Yes
		ASE Automobile: Maintenance and Light Repair	Yes
		ASE Automobile: Automatic Transmission/Transaxle	Yes
		ASE Automobile: Brakes	Yes
		ASE Automobile: Electrical/Electronic Systems	Yes
		ASE Automobile: Engine Performance	Yes
		ASE Automobile: Engine Repair	Yes
		ASE Automobile: Heating and Air Conditioning	Yes
		ASE Automobile: Manual Drive Train and Axles	Yes
		ASE Automobile: Suspension and Steering	Yes
	Diesel Service Technician	ASE Medium/Heavy Truck: Brakes	Yes
		ASE Medium/Heavy Truck: Diesel Engines	Yes
		ASE Medium/Heavy Truck: Electrical/Electronic Systems	Yes
		ASE Medium/Heavy Truck: Inspection Maintenance & Minor Repair	Yes
		ASE Medium/Heavy Truck: Suspension and Steering	Yes
	Collision Repair Technician - Non-Structural	ASE Collision Repair and Refinish: Mechanical and Electrical	Yes
		ASE Collision Repair and Refinish: Non-structural Analysis and Damage Repair	Yes
		ASE Collision Repair and Refinish: Painting and Refinishing	Yes

	ASE Collision Repair and Refinish: Structural Analysis and Damage Repair	Yes
	ASE Collision Repair and Refinish: Mechanical and Electrical	Yes
Collision Repair Technician - Paint	ASE Collision Repair and Refinish: Non-structural Analysis and Damage Repair	Yes
	ASE Collision Repair and Refinish: Painting and Refinishing	Yes
	ASE Collision Repair and Refinish: Structural Analysis and Damage Repair	Yes
Transportation Logistics	Certification: Certified Logistics Associate (CLA)	Yes
	Certified Logistics Technician (CLT)	Yes

\*Note: The State Workforce Investment Board approved a two-year grace period for students currently enrolled in these programs, which will conclude in the Spring of 2025.

Category	Description
SWIB Recognized	Certifications are eligible for industry certification grants. (SB 2447)
	Certifications are eligible for the Perkins V program quality indicator of performance.
	Certifications are eligible for the Acceleration component of the MDE Accountability Model.

SWIB Approved  
6/20/2023