

OFFICE OF CHIEF ACADEMIC OFFICER
Summary of State Board of Education Agenda Items
Consent Agenda
October 21, 2021

OFFICE OF SECONDARY EDUCATION/CAREER AND TECHNICAL EDUCATION

- F. Approval of industry certifications that will calculate in the Acceleration component of the Accountability Model for the 2021-2022 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 certifications as the Measure of Program Quality for career and technical education programs. There are 48 industry certifications that will be administrated through the Career and Technical Education Statewide Testing Program for the 2021-2022 School Year. The Office of Career and Technical Education is requesting approval for these 48 industry certifications to count in the calculations for Business Rule 9.2 for the 2021-2022 School Year.

The Mississippi Assessment Center at Mississippi State University has researched and vetted the 48 industry certifications to ensure alignment to our 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. Currently, SWIB has approved 35 of the 48 Perkins V program quality industry certifications for the reimbursement process and the other 13 certifications will be considered by SWIB in Fall 2021.

Recommendation: Approval

Back-up material attached

**CTE Industry Certification Crosswalk
2021-2022**

Industry Sector/Cluster	Program Area/Pathway	Credential	SWIB Recognized	Perkins V Program Quality	MDE Accountability
Architecture & Construction	Architecture & Drafting	Autodesk AutoCAD Certified User	N	Y	Pending SBE Approval
	Carpentry	NCCER Core Curriculum	Y	Y	Pending SBE Approval
		NCCER Carpentry Level 1	Y	Y	Pending SBE Approval
	Electrical	NCCER Core Curriculum	Y	Y	Pending SBE Approval
		NCCER Electrical - Level 1	Y	Y	Pending SBE Approval
	Heating, Ventilation, & Air Conditioning	NCCER Core Curriculum	Y	Y	Pending SBE Approval
		NCCER HVAC Level 1	Y	Y	Pending SBE Approval
Business Management & Health Science	Business, Marketing, and Finance	Entrepreneurship and Small Business Certification	N	Y	Pending SBE Approval
Health Science	Healthcare and Clinical Services	National Health Science Assessment (NCHSE)	Y	Y	Pending SBE Approval
	Sports Medicine	Exercise Science and Sports Medicine Certification	N	Y	Pending SBE Approval
Hospitality & Tourism	Culinary Arts	ServSafe Manager	Y	Y	Pending SBE Approval
Human Services	Early Childhood Education	Pre-PAC Early Childhood Education	Y	Y	Pending SBE Approval
Information Technology	Information Technology	TestOut IT Fundamentals Pro Certification	N	Y	Pending SBE Approval
		TestOut Network Pro Certification	N	Y	Pending SBE Approval
	Software Development Pathway (C-Spire)	Microsoft 98-382 – Introduction to Programming Using JavaScript	N	Y	Pending SBE Approval
		Microsoft 98-364 – Database Fundamentals	N	Y	Pending SBE Approval
Manufacturing	Advanced Manufacturing	NCCER Core Curriculum	Y	Y	Pending SBE Approval
	Industrial Maintenance	NCCER Core Curriculum	Y	Y	Pending SBE Approval
		NCCER Industrial Maintenance E&I Technician Level 1	Y	Y	Pending SBE Approval
	Instrumentation	NCCER Core Curriculum	Y	Y	Pending SBE Approval
	Metal Fabrication	NCCER Instrumentation Level 1	N	Y	Pending SBE Approval
	Precision Machining	NIMS Credential - Machining Level 1 - Measurement, Materials, & Safety	Y	Y	Pending SBE Approval
	Welding	NCCER Core Curriculum	Y	Y	Pending SBE Approval
NCCER Welding Level 1		Y	Y	Pending SBE Approval	
Science, Technology, Engineering, & Mathematics	Engineering	Autodesk AutoCAD Certified User	N	Y	Pending SBE Approval
		Certified Solidworks Associate	N	Y	Pending SBE Approval
	Unmanned Aerial Systems	FAA Part 107	N	Y	Pending SBE Approval
Transportation & Logistics	Automotive Service Technician	ASE Automobile Service and Technology	Y	Y	Pending SBE Approval
		ASE Auto Maintenance and Light Repair	Y	Y	Pending SBE Approval
		ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle	Y	Y	Pending SBE Approval
		ASE Automobile/Light Truck Technician: Brakes	Y	Y	Pending SBE Approval
		ASE Automobile/Light Truck Technician: Electrical/Electronic Systems	Y	Y	Pending SBE Approval
		ASE Automobile/Light Truck Technician: Engine Performance	Y	Y	Pending SBE Approval
		ASE Automobile/Light Truck Technician: Engine Repair	Y	Y	Pending SBE Approval
		ASE Automobile/Light Truck Technician: Heating and Air Conditioning	Y	Y	Pending SBE Approval
		ASE Automobile/Light Truck Technician: Manual Drive Train and Axles	Y	Y	Pending SBE Approval
		ASE Automobile/Light Truck Technician: Suspension and Steering	Y	Y	Pending SBE Approval
		ASE Medium/Heavy Truck Technician: Brakes	Y	Y	Pending SBE Approval
		ASE Medium/Heavy Truck Technician: Diesel Engines	Y	Y	Pending SBE Approval
		ASE Medium/Heavy Truck Technician: Electrical/Electronic Systems	Y	Y	Pending SBE Approval
		ASE Medium/Heavy Truck Technician: Inspection Maintenance & Minor Repair	Y	Y	Pending SBE Approval
	ASE Medium/Heavy Truck Technician: Suspension and Steering	Y	Y	Pending SBE Approval	
	Collision Repair Technician	ASE Collision Repair and Refinishing Technician: Mechanical and Electrical Components	Y	Y	Pending SBE Approval
		ASE Collision Repair and Refinishing Technician: Non-structural Analysis and Damage Repair	Y	Y	Pending SBE Approval
		ASE Collision Repair and Refinishing Technician: Painting and Refinishing	Y	Y	Pending SBE Approval
		ASE Collision Repair and Refinishing Technician: Structural Analysis and Damage Repair	Y	Y	Pending SBE Approval
	Logistics	Certification: Certified Logistics Associate (CLA)	N	Y	Pending SBE Approval
		Certified Logistics Technician (CLT)	N	Y	Pending SBE Approval

Provide the eligible agency’s measurement definition with a numerator and denominator for each of the quality indicator(s) the eligible agency selects to use.

Secondary

MISSISSIPPI SECONDARY CORE INDICATOR DEFINITIONS			
Statute Language	Indicator	Numerator	Denominator
The percentage of CTE concentrators who graduate high school, as measured by the four-year adjusted cohort graduation rate (defined in section 8101 of the Elementary and Secondary Education Act of 1965).	1S1 Four-Year Graduation Rate	Number of CTE concentrators who graduate from high school, as measured by the four-year adjusted cohort rate (defined in section 8101 of the Elementary and Secondary Education Act of 1965).	Number of CTE concentrators enrolled in Grade 12.
CTE concentrator proficiency in the challenging state academic standards adopted by the state under section 1111(b)(1) of the Elementary and Secondary Education Act of 1965, as measured by the academic assessments in reading/language arts as described in section 1111(b)(2) of such act.	2S1 Academic Proficiency in Reading/Language Arts	Number of CTE concentrators proficient or above on the Mississippi Academic Assessment Program (MAAP) Exam for English II.	Number of CTE concentrators who took the Mississippi Academic Assessment Program (MAAP) Exam for English II.
CTE concentrator proficiency in the challenging state academic standards adopted by the state under section 1111(b)(1) of the Elementary and Secondary Education Act of 1965, as measured by the academic assessments in mathematics as described in section 1111(b)(2) of such act.	2S2 Academic Proficiency in Mathematics	Number of CTE concentrators proficient or above on the Mississippi Academic Assessment Program (MAAP) Exam for Algebra I.	Number of CTE concentrators who took the Mississippi Academic Assessment Program (MAAP) Exam for Algebra I.

Postsecondary

MISSISSIPPI POSTSECONDARY CORE INDICATOR DEFINITIONS			
Statute Language	Indicator	Numerator	Denominator
The percentage of CTE concentrators who, during the second quarter after program completion, remain enrolled in postsecondary education; are in advanced training, military service, or a service program that receives assistance under title I of the National and Community Service Act of 1990 (42 U.S.C. 12511 et seq.); are volunteers as described in section 5(a) of the Peace Corps Act (22 U.S.C. 2504(a)); or are placed or retained in employment.	1P1 Postsecondary Placement	CTE concentrators who, during the second quarter after exit, remain enrolled in postsecondary education; are in advanced training, military service, or a service program; or are placed or retained in employment.	Completed program of study (reached an exit point).
The percentage of CTE concentrators who receive a recognized postsecondary credential during participation in or within one year of program completion.	2P1 Earned Recognized Postsecondary Credential	Concentrators who received a postsecondary credential during the recent program year or within one year of completing an exit point.	Concentrators enrolled in the most recent academic year or concentrators who completed an exit point in the previous academic year.
The percentage of CTE concentrators in career and technical education programs and programs of study that lead to nontraditional fields.	3P1 Non-traditional Program Concentration	Concentrators who are a nontraditional gender in a Perkins-approved program.	Concentrators enrolled in Perkins-approved programs.
<i>Postsecondary Concentrator Definition: A student who has earned at least 12 credits within a career and technical education program or completed such a program if it encompasses less than 12 credit hours.</i>			

Provide on the form in Section V.B, for each year covered by the state plan beginning in FY 2020, state determined levels of performance for each of the secondary and postsecondary core indicators, with the levels of performance being the same for all CTE concentrators in the state. (Section 113(b)(3)(A)(i)(I) of Perkins V)

State Determined Performance Levels (SDPL) Form
State Name: Mississippi

Indicators	Baseline Level	Performance Levels			
		FY 2020	FY 2021	FY 2022	FY 2023
Secondary Indicators					
1S1: Four-Year Graduation Rate	90.0%	90.2%	90.4%	90.6%	90.8%
1S2: Extended Graduation Rate	N/A	N/A	N/A	N/A	N/A
2S1: Academic Proficiency in Reading/Language Arts	49.2%	53.4%	57.5%	61.7%	65.8%
2S2: Academic Proficiency in Mathematics	48.4%	52.7%	57.0%	61.4%	65.7%
2S3: Academic Proficiency in Science	48.4%	52.7%	57.0%	61.4%	65.7%
3S1: Postsecondary Placement	90.0%	90.2%	90.4%	90.6%	90.8%
4S1: Nontraditional Program Enrollment	10.0%	11.0%	12.0%	13.0%	14.0%
5S1: Program Quality – Attained Recognized Postsecondary Credential	20.0%	20.5%	21.0%	21.5%	22.0%

Indicators	Baseline Level	Performance Levels			
		FY 2020	FY 2021	FY 2022	FY 2023
Postsecondary Indicators					
1P1: Postsecondary Retention and Placement	75.0%	75.0%	75.5%	76.0%	76.5%
2P1: Earned Recognized Postsecondary Credential	70.0%	70.0%	70.5%	71.0%	71.5%
3P1: Nontraditional Program Enrollment	7.0%	7.0%	7.5%	8.0%	8.5%

Miss. Code Ann. § 37-153-15

Copy Citation

Current through the 2021 Regular Session not including changes and corrections made by the Joint Legislative Committee on Compilation, Revision and Publication of Legislation. The final official version of the statutes affected by 2021 legislation will appear on Lexis Advance in the fall of 2021.

**Mississippi Code 1972 Annotated Title 37. Education (Chs. 1 – 187) Chapter 153.
Workforce Training and Education Consolidation Act (§§ 37-153-1 – 37-153-17)**

§ 37-153-15. Career and technical education incentive grant to public schools for each student earning qualifying industry certification; use of grants.

(1) As used in this chapter:

(a) The words “industry certification” mean a voluntary process through which students are assessed by an independent, third-party certifying entity using predetermined standards for knowledge, skills and competencies, resulting in the award of a credential that is nationally recognized and must be at least one (1) of the following:

(i) Within an industry that addresses a critical local, regional or statewide economic need;

(ii) Linked to an occupation that is included in the State Department of Employment Security’s occupations in high-demand list; or

(iii) Linked to an occupation that is identified as emerging.

(b) The words “qualifying industry certification” mean an industry certification that is linked to an occupation with wages of at least seventy percent (70%) of the average annual wage in this state unless the industry certification is stackable to another postsecondary or professional credential which is linked to an occupation which meets the wage criterion.

(2) The State Workforce Investment Board shall provide the State Board of Education annually with a list of qualifying industry certifications. If the occupations identified in the list are not substantially the same as those occupations identified in the prior year, the State Board of Education shall provide reasonable notice of the changes to school districts.

(3) Beginning in fiscal year 2019-2020 and subject to available funding, the Department of Education shall pay a career and technical education incentive grant to the public school for each student enrolled in the public school who earns a qualifying industry certification. The amount per student for the career and technical education incentive grant shall be Six Hundred Dollars (\$600.00). If the statewide sum of the career and technical education incentive grants awarded pursuant to this section exceeds the amount of available funds appropriated for the grants, the grants per student shall be reduced proportionately to cover all eligible grants under this section.

(4) The grants may be used for qualifying industry certification examination fees, professional development for teachers in career and technical education programs under this section, student instructional support for programs that lead to qualifying industry certifications, or to increase access to qualifying industry certifications. Any grants awarded under this section may not be used to supplant funds provided for the basic operation of the career and technical education programs.

(5) On or before July 1 of each year, the Department of Education shall submit a report to the Governor, the Lieutenant Governor, the Speaker of the House of Representatives, the Chairmen of the House and Senate Education Committees, the Chairman of the House Workforce Development Committee and the Chairman of the Senate Labor Committee on the following:

(a) The number of students who enrolled in a career and technical education course or program that leads to a qualifying industry certification.

(b) The number of students who earned a qualifying industry certification by certification.

(c) The amount of career and technical education incentive grants awarded by the school.

(d) The amount of career and technical education incentive grants awarded per student.

(e) Aggregated demographic data on the students who earned a qualifying industry certification, including the qualifying industry certifications earned by rural and urban students.

History

Laws, 2019, ch. 434, § 1, eff from and after July 1, 2019.

Mississippi Code 1972 Annotated

Copyright © 2021 The State of Mississippi All rights reserved.