MEMORANDUM

DATE: October 21, 2020

TO: CEPD Administrators

FROM: Brian L. Pyles, Ph.D., Director
Office of Career and Technical Education

SUBJECT: **Updated 10-21-20** Pre-approved Credentials for Perkins V Reporting for
2020 – 2021

As you know, under the Carl D. Perkins Act (Perkins V), states must report on an indicator of secondary CTE program quality. Michigan will report on attainment of recognized postsecondary credentials for this indicator, which includes state or national licenses.

"Recognized postsecondary credentials" for Perkins V reporting will be identified through a rigorous process implemented by collaborative consortia of secondary and postsecondary Perkins eligible recipients and employers.

In addition to this regional process, MDE - OCTE has identified credentials that are automatically approved for Perkins reporting for 2020-2021. Reporting students who have attained these credentials in 2020-2021 will be critical since these data will likely be reported for indicator 5S1 for 2021-2022.

Perkins V Secondary Indicator of Program Quality

Perkins Core Performance Indicator 5S1 is the number of secondary CTE concentrators who graduated from high school having attained a recognized postsecondary credential divided by the total number of secondary CTE concentrators. A recognized postsecondary credential is defined as one or more of the following (see definitions at the end of this memo):

- Industry-recognized certificate or certification
- Certificate of completion of an apprenticeship
- License recognized by the State of Michigan or Federal Government
- Associate degree
- Baccalaureate degree

Timeframe for earning credentials for 5S1

Any eligible credential earned by a student after enrollment in the CTE program through August 31st of the year the student graduated from high school may be reported for the student.

Definition of Perkins V Secondary CTE Concentrator (transitional)

For Perkins V, a secondary CTE concentrator is a student who has completed at least two courses in a single career and technical education program or program of study. For 2020-2021, these students will be identified as students who have completed, with a grade of 2.0 or better, course sections covering 8 or more segments.

Because indicator 5S1 is based on data for students who have graduated and postsecondary award data are not available until January of the following year, Michigan will report this indicator a year behind. For example, the 2021-2022 indicator will be based on concentrators who graduate in Spring of 2021 and earned a credential by August 31, 2021. The number of these concentrator graduates who attained an associate degree, 1-year or 2-year postsecondary award, certificate, or diploma will be determined based on data collected by CEPI from community colleges in Fall 2020, available to OCTE in January 2021.

In addition to the credentials listed in the table below, districts should report any license required for employment in the state or nationally. Some licenses may count as indicators of program quality only as part of an approved set of stackable credentials. For example, some licenses, such as "pesticide application" represent a very small subset of program standards and would need to be combined with other licenses or credentials to be counted for Perkins V reporting. To count independently a license must cover a majority of the program standards. Final determination of the "Recognized Postsecondary Credentials," including licenses, approved for specific programs will be identified through the rigorous process implemented through the Career Pathways Grant process conducted by collaborative consortia of secondary and postsecondary Perkins eligible recipients and employers.

MDE – OCTE is continuing to collect additional or supplemental certifications students are earning in all CTE programs to assist with the determination of the "Recognized Postsecondary Credentials" approved for specific programs.

The table below includes clarifying information regarding the minimum credential attainment required for each CIP Code for a student to be counted in the numerator for 5S1—Recognized Postsecondary Credential in 2020-2021:

CIP CODE	PROGRAM	VENDOR	ASSESSMENT – REVISED 5/1/2020
11.0901	Computer Systems Networking and Telecommunications	CompTIA Linux Professional Institute Certiport CISCO	A student must obtain <u>one or more</u> of the following credentials to count in the numerator for 5S1: CompTIA • A+ • IT Fundamentals • Linux+ • Security+ • Network+ CISCO • Cisco Certified Entry Networking Technician (CCENT) certification Linux Professional Institute • Linux Essentials • LPIC-1: System Administrator • LPIC-2: Linux Engineer • LPIC-3 300: Mixed Environment certification • LPIC-3 303: Security certification • LPIC-3 304: Virtualization and High Availability certification Certiport • Internet and Computing Core Certification (IC3) • Microsoft Technology Associate (MTA) -Mobility and Device Fundamentals • Microsoft Technology Associate (MTA) -Networking Fundamentals • Microsoft Technology Associate (MTA) -Security Fundamentals • Microsoft Technology Associate (MTA) -Windows Operating System Fundamentals • Microsoft Technology Associate (MTA) -Introduction to Programming Using HTML and CSS • Microsoft Technology Associate (MTA) -Database Administration Fundamentals

CIP CODE	PROGRAM	VENDOR	ASSESSMENT – REVISED 5/1/2020
			• Microsoft Technology Associate (MTA) -HTML5 Application Development Fundamentals • Microsoft Technology Associate (MTA) -Introduction to Programming Using Java • Microsoft Technology Associate (MTA) -Introduction to Programming Using JavaScript • Microsoft Technology Associate (MTA) -Introduction to Programming Using Python • Microsoft Technology Associate (MTA) -Windows Server Administration Fundamentals
15.1301	Drafting and Design Technology/ Architectural	Certiport	A student must obtain the following credential to count in the numerator for 5S1: • Autodesk Certified User Certification
46.0303	Line Worker	Center for Energy Workforce Development	A student must obtain the following credential to count in the numerator for 5S1: • Energy Industry Fundamentals (EIF)

48.0508	Welding, Brazing and Soldering	American Welding Society	A student must obtain **ALL** of the following credentials listed under **EITHER LEVEL I OR LEVEL II** to count in the numerator for 5S1:
			AWS SENSE Level I
			• Safety and Health of Welders
			• Drawing and Welding Symbol Interpretation
			• Thermal Cutting Processes
			  o Manual Oxyfuel Gas Cutting (OFC)
			  o Mechanized Oxyfuel Gas Cutting (OFC)
			  o Manual Plasma Arc Cutting (PAC)
			  o Manual Air Carbon Arc Cutting (CAC-A)
			• Shielded Metal Arc Welding
			• Gas Metal Arc Welding

CIP CODE	PROGRAM	VENDOR	ASSESSMENT – REVISED 5/1/2020

			• Flux Cored Arc Welding
			• Gas Tungsten Arc Welding
			• Welding Inspection and Testing
			
			AWS SENSE Level II
			• Trade Math
			• Welding Metallurgy
			• Welding Inspection & Testing Methods
			• Documents Governing Welding & Welding Inspection
			• Thermal Cutting Processes
			• Plate Welding
			    ○ SMAW Plate
			    ○ GMAW Plate
			    ○ FCAW Plate
			    ○ GTAW Plate
			• Pipe Welding
			    ○ SMAW Pipe
			    ○ GMAW Pipe
			    ○ FCAW Pipe
			    ○ GTAW Pipe

43.0100	Public Safety/ Protective Services	Firefighter Training	A student must obtain **ALL** of the following credentials to count in the numerator for 5S1: Michigan Department of Licensing and Regulatory Affairs, Bureau of Fire Services • Firefighter I & II Certifications

CIP CODE	PROGRAM	VENDOR	ASSESSMENT – REVISED 5/1/2020
26.0102 51.0000 51.1000 51.0707	Health Science	Pearson VUE – National Registry of Emergency Medical Technicians Prometric	A student must obtain <u>one or more</u> of the following credentials to count in the numerator for 5S1: National Registry of Emergency Medical Technicians • EMT Certification Michigan Department of Licensing and Regulatory Affairs, Bureau of Community and Health Systems/Prometric • Certified Nurse Assistant (CNA)
47.0604	Automotive Technician (MLR)	ASE	A student must obtain <u>one or more</u> of the following credentials to count in the numerator for 5S1: <u>ASE Entry-level Certification</u> • ASE Entry-Level Certification -MAINTENANCE AND LIGHT REPAIR (MLR) • ASE Entry-Level Automobile Service Technology • ASE Entry-Level Engine Repair • ASE Entry-Level Automatic Transmission and Transaxle • ASE Entry-Level Manual Drive Train and Axles • ASE Entry-Level Suspension and Steering • ASE Entry-Level Brakes • ASE Entry-Level Electrical/Electronic Systems • ASE Entry-Level Heating, Ventilation and Air Conditioning (HVAC) • ASE Entry-Level Engine Performance <u>ASE Professional Certification</u> • ASE Professional-Level Certification -MAINTENANCE AND LIGHT REPAIR (MLR) • ASE Professional-Level Certification Automobile Service Technology • ASE Professional-Level Certification Engine Repair • ASE Professional-Level Certification Automatic Transmission and Transaxle • ASE Professional-Level Certification Manual Drive Train and Axles • ASE Professional-Level Certification Suspension and Steering

CIP CODE	PROGRAM	VENDOR	ASSESSMENT – REVISED 5/1/2020
			• ASE Professional-Level Certification Brakes • ASE Professional-Level Certification Electrical/Electronics Systems • ASE Professional-Level Certification Heating, Ventilation and Air Conditioning (HVAC) • ASE Professional-Level Certification Engine Performance Michigan Secretary of State • Michigan Mechanic Certification in Engine Repair • Michigan Mechanic Certification in Automatic Transmission • Michigan Mechanic Certification in Front End, Suspension and Steering Systems • Michigan Mechanic Certification in Brakes and Braking Systems • Michigan Mechanic Certification in Electrical Systems • Michigan Mechanic Certification in Heating and Air Conditioning • Michigan Mechanic Certification in Engine Tune-Up/Performance
47.0603	Collision Repair Technician	ASE	A student must obtain one or more of the following credentials to count in the numerator for 5S1: ASE Entry-level Certification • ASE Entry-Level -STRUCTURAL ANALYSIS AND DAMAGE REPAIR • ASE Entry-Level Non-Structural Analysis and Damage Repair (Body Components) • ASE Entry-Level Mechanical and Electrical Components • ASE Entry-Level Painting and Refinishing ASE Professional Certification • ASE Professional-Level Certification STRUCTURAL ANALYSIS AND DAMAGE REPAIR • ASE Professional-Level Certification Non-Structural Analysis and Damage

CIP CODE	PROGRAM	VENDOR	ASSESSMENT – REVISED 5/1/2020
			Repair (Body Components) • ASE Professional-Level Certification Mechanical and Electrical Components • ASE Professional-Level Painting and Refinishing Michigan Secretary of State • Michigan Mechanic Certification in Unitized Body Structural Repair • Michigan Mechanic Certification in Collision-Related Mechanical Repair
47.0613	Medium/Heavy Truck Technician (IMMR)	ASE	A student must obtain one or more of the following credentials to count in the numerator for 5S1: ASE Entry-level Certification • ASE Entry-Level Certification -INSPECTION, MAINTENANCE, and MINOR REPAIR • ASE Entry-Level Diesel Engines • ASE Entry-Level Electrical/Electronic Systems • ASE Entry-Level Brakes • ASE Entry-Level Suspension and Steering ASE Professional Certification • ASE Professional-Level Certification -INSPECTION, MAINTENANCE, AND MINOR REPAIR • ASE Professional-Level Certification Diesel Engines • ASE Professional-Level Certification Electrical/Electronic Systems • ASE Professional-Level Certification Brakes • ASE Professional-Level Certification Suspension and Steering Michigan Secretary of State • Michigan Mechanic Certification in Engine Repair (Gasoline) • Michigan Mechanic Certification in Engine Repair (Diesel)

CIP CODE	PROGRAM	VENDOR	ASSESSMENT – REVISED 5/1/2020
			• Michigan Mechanic Certification in Drive Train • Michigan Mechanic Certification in Brakes and Braking Systems • Michigan Mechanic Certification in Suspension and Steering Systems • Michigan Mechanic Certification in Electrical Systems

Definitions of types of credentials

Industry-Recognized Certifications: Credentials awarded by a certification body based on an individual demonstrating through an examination process that he or she has acquired the designated knowledge, skills, and abilities to perform a specific job. The examination can be written, oral, or performance based. Certification is a time-limited credential that is renewed through a re-certification process.

Educational Certificates: Credentials awarded by a training provider or an educational institution based on completion of all requirements for a program of study, including coursework and a test or other performance evaluation. Certificates are typically awarded for life (like degrees). Certificates of attendance or participation in a short-term training (e.g., one day) are not in the definitional scope for educational certificates.

Licenses: Credentials awarded by a licensing agency based on pre-determined criteria which may include some combination of degree attainment, certifications, certificates, assessment, apprenticeship programs, or work experience. Licenses are time limited and must be renewed periodically.

Educational Degrees: Credentials awarded by accredited postsecondary institutions to recognize completion of a pre-determined amount of coursework.

Certificates of Completion of an Apprenticeship: nationally recognized, industry-issued credentials awarded upon completion of a Registered Apprenticeship.

https://cte.careertech.org/sites/default/files/files/resources/Measuring_Program_Quality_Credentials_2019.pdf

If you have questions, or for more information, please contact Valerie Felder at 517-335-1066 or FelderV@michigan.gov.