

**OFFICE OF THE CHIEF OF ACCOUNTABILITY**  
**Summary of State Board of Education Agenda Item**  
**Consent Agenda**  
**July 27, 2023**

**DIVISION OF EDUCATOR LICENSURE**  
**OFFICE OF CAREER AND TECHNICAL EDUCATION**

- O. Approval to revise Miss. Admin. Code 7-142: Career and Technical Education Licensure Guidelines to amend licensure Career Pathway, 965 Transportation Logistics; establish two (2) new licensure Career Pathways in the areas of Barbering and Software Development; and amend the Science, Technology, Engineering, and Mathematics (STEM) supplemental endorsement requirements  
(Has cleared the Administrative Procedures Act without public comments)

Background Information: On May 5, 2023, the Commission on Teacher and Administrator Education, Certification, and Licensure and Development (Licensure Commission) granted approval of a request received from the Office of Secondary Education to revise one (1) Career and Technical Education (CTE) Career Pathway educator licensure endorsement and one (1) supplemental endorsement to become effective after final State Board of Education approval and to establish two (2) new CTE Career Pathway endorsements to become effective Academic Year 2023 – 2024. The proposed criteria for obtaining licensure in the following Career Pathway endorsement areas are outlined as follows:

**A. Endorsement 965 Career Pathway: Transportation Logistics**

The Office of Secondary Education is requesting approval to change the related assessment requirement. Currently, we offer the CPSM exams and the Global Logistics Associate (GLA) assessment as options. The CPSM exams are expensive and the GLA assessment is no longer offered. We would like to recommend the Certified Logistics Associate (CLA) and Certified Logistics Technician (CLT) assessments as replacement options. These assessments are provided by MSSC (Manufacturing Skill Standards Council).

**B. Endorsement (TBD) Career Pathway: Barbering**

The Office of Secondary Education is requesting approval to establish the new Career Pathway to become available Academic Year 2023 – 2024. Proposed licensure requirements have been aligned in accordance with standard CTE program of study criteria.

**C. Endorsement (TBD) Career Pathway: Software Development**

The Office of Secondary Education is requesting approval to establish the new Career Pathway to become available Academic Year 2023 – 2024. Proposed licensure requirements have been aligned in accordance with standard CTE program of study criteria.

**D. Endorsement 983 Science, Technology, Engineering, and Mathematics (STEM)**

The Office of Secondary Education is requesting approval to remove one (1) course, Exploring Computer Science, as an approved course that may be taught under this licensure endorsement. We are also asking to deactivate one (1) course, Science, Technology, Engineering, and Mathematics Application, to be replaced with a new course, Computer Science and Engineering.

The public comment period was open from June 22, 2023, through 5:00 p.m., July 21, 2023. The MDE received no public comments.

Recommendation: Approval

Back-up material attached

## 965 Career Pathway: Transportation Logistics

This endorsement licenses a person to teach the following secondary courses:

- 997300 Transportation Logistics I
- 997301 Transportation Logistics II
- 997302 Fundamentals of Transportation Logistics
- 997303 Receiving and Stocking
- 997304 Materials Handling
- 997305 Supply Chain Management

### Minimum Requirements for this Endorsement:

#### 1. Education

- Applicant must have earned a two-year college degree (associate degree) or higher from an accredited institution of higher education. The degree must be in an appropriate, related field approved by the MDE program coordinator.

#### 2. Technology Literacy and Related Assessment of that Competency

- Applicant must validate technology competency by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessments for this license are IC3 or other approved MDE substitute.

#### 3. Occupational Experience and Related Assessment of that Experience

- Applicants with an associate degree must have at least three years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.  
*An educator with a standard five – year license may use experience outside of the ten – year timeframe.*

- ~~Applicant must successfully pass three CPSM Examinations:~~

~~CPSM Exam 1— Foundation of Supply Management~~

~~CPSM Exam 2— Effective Supply Management Performance~~

~~CPSM Exam 3— Leadership in Supply Management~~

~~CPSM examinations require three years of full-time professional supply management experience (non-clerical, non-support) with an associate degree from a regionally accredited institution (or international equivalent) OR five years of full-time professional supply management experience (non-clerical, non-support) if applicant is C.P.M. in good standing. s/he must successfully pass the Bridge Examination (Pearson VUE test centers)~~

- Manufacturing Skill Standards Council (MSSC) Certified Logistics Associate Certification AND Certified Logistics Technician Certification

Or

- ~~Global Logistics Associate (GLA)—Entry Level Workforce, High School Logistics and Transportation Career Academy, and Community College Certification.~~

- Other teacher occupational competency assessment(s) approved by MDE Office of Career and Technical Education.

#### 4. Teacher Education Preparation and Related Assessment(s) of that Education

- Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.

**(Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program do not have to enroll in VIP.)**

- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP program prior to the expiration date of the three-year Career & Technical license.
- Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
- Applicant must successfully complete the Transportation Logistics Certification workshop, module, or course that is approved by the Mississippi Department of Education.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 965 endorsement—a five-year license. If the applicant meets the educational and occupational experience requirements, but does not meet all other requirements, the applicant may be issued one (1) three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.**

### **TBD Career Pathway: Barbering**

**This endorsement licenses a person to teach the following secondary courses:**

[993435 Cosmetology: Introduction to Barbering](#)  
[993370 Cosmetology: Basic Barbering](#)  
[993310 Cosmetology: Advanced Barbering](#)  
[993340 Cosmetology: Application of Barbering](#)  
[993350 Barbering I](#)  
[993360 Barbering II](#)

### **Minimum Requirements for this Endorsement:**

#### **1. Education**

- [Applicant must have earned a two-year college degree \(associate degree\) or higher from an accredited institution of higher education.](#)

#### **2. Technology Literacy and Related Assessment of that Competency**

- [Applicant must validate technology competency by attending the established minimal score or higher on assessment approved by the Mississippi Department of Education \(MDE\). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessments for this license are IC3 or other approved MDE substitute.](#)

#### **3. Occupational Experience and Related Assessment of that Experience**

- [Applicants with an associate degree must have at least two years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.](#)
- [Applicants with a bachelor's or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught. \*An educator with a standard five – year license may use experience outside of the ten – year timeframe.\*](#)

**This endorsement requires the following assessment(s) of occupational expertise:**

- [Currently valid Mississippi Barbering Instructor License issued by the MS Board of Barber Examiners.](#)

#### **4. Teacher Education Preparation and Related Assessment(s) of that Education**

- [Applicant must enroll immediately in Vocational Instructor Preparation \(VIP\) program. \(Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program do not have to enroll in VIP.\)](#)
- [Applicant must complete the individualized professional development plan \(PDP\) requirements of the VIP program prior to the expiration date of the three-year Career & Technical license.](#)

- Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a XXX endorsement—a five-year license. If the applicant meets the educational and occupational experience requirements, but does not meet all other requirements, the applicant may be issued one (1) three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.**

### **TBD Career Pathway: Software Development**

**This endorsement licenses a person to teach the following secondary courses:**

- 902147 Web & Programming Concepts
- 902148 Client-Side Programming
- 902105 SQL Programming
- 902110 Programming in Python

### **Minimum Requirements for this Endorsement:**

#### **1. Education**

- Hold a two-year college degree or higher from an accredited institution of higher education.

#### **2. Technology Literacy and Related Assessment of that Competency**

- Applicant must validate technology competency by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessment for this license is IC3.

#### **3. Occupational Experience and Related Assessment of that Experience**

- Applicants with an associate degree must have at least two years of verifiable occupational experience, appropriate to the subject to be taught, in the past ten years.
- Applicants with a bachelors or higher degree must have at least one year of verifiable occupational experience, appropriate to the subject to be taught, in the past ten years.

#### **This endorsement requires the following assessment(s) of occupational expertise:**

- They must hold at least two certifications corresponding to the current courses for the pathway approved by MDE Office of Career and Technical Education.
- OR
- An approved bachelor's degree or higher in the subject area approved by MDE Office of Career and Technical Education.

#### **4. Teacher Education Preparation and Related Assessment(s) of that Education**

- Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program. (Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program do not have to enroll in VIP.)
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP program prior to the expiration date of the three-year Career & Technical license.
- Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
- Applicant must successfully complete the Software Development Certification workshop, module, or course that is approved by the Mississippi Department of Education.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a XXX endorsement—a five-year license. If the applicant meets the educational and occupational experience**

**requirements, but does not meet all other requirements, the applicant may be issued one (1) three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.**

**983 Science, Technology, Engineering, and Mathematics Application--STEM**

This is an “add on” endorsement that may be earned only by persons who hold a currently valid 5-year standard Mississippi Educator License with endorsement in any subject area (academic or occupational).

A #983 endorsement allows a person to teach the following course:

~~000273 Science, Technology, Engineering, and Mathematics Application~~

~~000283 Exploring Computer Science~~

~~000287 Computer Science and Engineering~~

**This endorsement requires the following:**

1. Applicant must hold a currently valid 5-year standard Mississippi Educator License
2. Applicant must validate technology competency by attaining the established minimum score or higher on an assessment approved by the Mississippi Department of Education (MDE). The assessment must be directly related to technology competency required by the grade level and subject matter being taught. Approved assessment for this license is IC3.
3. Applicant must demonstrate the ability to function in and maintain a networked laboratory.
4. Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the MDE.
5. Applicant must successfully complete a STEM Certification workshop, module, or course that is approved by the MDE.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 983 endorsement—a five-year license. If the applicant meets the five year license requirement, but does not meet all other requirements, the applicant may be issued a three-year endorsement (license), and all requirements stated above must be satisfied prior to the ending date of that license.**