

OFFICE OF CHIEF ACCOUNTABILITY OFFICER
Summary of State Board of Education Agenda Items
Consent Agenda
December 20, 2018

OFFICE OF TEACHING AND LEADING
DIVISION OF EDUCATOR LICENSURE

- C. Approval to revise Career Pathway licensure options, 985 Engineering; 912 Law and Public Safety; 975 Welding; and to establish one new Career Pathway in the endorsement area of Instrumentation
(Has cleared the Administrative Procedures Act process without public comments)

Background Information: During its regularly scheduled meeting on September 14, 2018, the Commission on Teacher and Administrator Education, Certification, and Licensure and Development granted approval to a request received from the Office of Secondary Education to revise two (2) Career and Technical Education (CTE) Career Pathway educator licensure endorsement areas to become effective Academic Year 2018 – 2019, one (1) CTE Career Pathway educator licensure endorsement area to become effective Academic Year 2019 – 2020, and to establish one (1) new CTE Career Pathway and endorsement code to become effective Academic Year 2019 – 2020. The proposed criteria for obtaining licensure in one (1) of the following Career Pathway endorsement areas are outlined as follows:

Endorsement 985 Career Pathway: Engineering

The Office of Secondary Education is requesting approval to add additional degree areas and endorsements to the Educational requirement. Currently, there are two (2) degrees used to determine an educator's eligibility to obtain the endorsement. The proposal is to add seven (7) additional eligible degrees and 11 acceptable endorsement areas.

Endorsement 912 Career Pathway: Law and Public Safety

The Office of Secondary Education is requesting approval to revise the occupational competency requirements. Currently, a prospective educator is required to complete five (5) emergency management certifications. The course names and content have been updated, and one (1) course has been discontinued.

Endorsement 975 Career Pathway: Welding

The Office of Secondary Education is requesting approval to add an additional occupational competency requirement. Currently, prospective educators seeking to obtain an endorsement in the area of Welding are required to take a performance or written assessment. Effective 2019 – 2020 Academic Year, candidates would be required to complete both components.

Endorsement (TBD) Career Pathway: Instrumentation

The Office of Secondary Education is requesting approval to establish one (1) new Career Pathway to become available Academic Year 2019 – 2020. The curriculum and courses for this program of study are under development. Proposed licensure requirements have been aligned in accordance with standard CTE program of study criteria.

The public comment period was open through 5:00 p.m. on November 7, 2018 and no public comments were received.

Recommendation: Approval

Back-up material attached

Guidelines and Clarification of Requirements for Issuance of Career and Technical Education (Occupational Educator) Licenses

985 - Career Pathway: Engineering

This endorsement licenses a person to teach the following courses:

- 994000 Engineering I
- 994001 Engineering II
- 994002 Engineering Fundamentals
- 994003 Engineering Design
- 994004 Systems in Engineering
- 994005 Applying Engineering Concepts

Minimum Requirements for this Endorsement:

1. Education

- Applicant must have earned a four-year college degree (bachelor degree) or higher from an accredited institution of higher education. Degree must be in engineering, mathematics, physics, chemistry, computer science, electrical technology, electronics technology, industrial technology, engineering technology or an appropriate field of science (approved by MDE program coordinator) or currently have one of the following endorsements: 154 - Math, 185 or 627 – Chemistry, 189 or 629 or 630 or 631 – Physics, 609 or 610 – Calculus, 612 or 613 – Computer Science.

2. Technology Literacy and Related Assessment

- 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

- Verification of at least one year of full-time occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught.
- All successful applicants must hold bachelor or higher degree in the subject area to be taught. This degree in subject area exempts applicant from any additional occupational competency testing.

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 don't 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 Engineering 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 985 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.

912 - Career Pathway: Law and Public Safety

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

- 990101 Law and Public Safety I
- 990102 Law and Public Safety II
- 990103 History of Law and Legal Systems
- 990104 Emergency Services and Corrections
- 990105 Topics in Law and Public Safety
- 990106 Emergency Management and Military Professions

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 Criminal Justice, Emergency Medicine (EMC), Political Science, Social Science, or 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.
- This endorsement requires the following assessment(s) of occupational expertise:**
- Applicant must possess and maintain a Community Emergency Response Teams (CERT) Trainer Certification.
 - Applicant must possess and maintain National Incident Management System certifications:
 - . 100 – Introduction to Incident Command System
 - . 200 – ICS for Single Resources and Initial Action Incidents
 - . 700 – National Incident Management System, An Introduction
 - . 800 – National Response Framework, An Introduction

For more information, consult <http://training.fema.gov/IS/Nims.asp>

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 Law and Public Safety 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 912 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.

975 - Career Pathway: Welding

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

- 993300 Introduction to Welding
- 993301 Advanced Welding
- 993302 Orientation and Cutting
- 993303 Shielded Metal Arc Welding (SMAW)
- 993304 Advanced Welding I
- 993306 Advanced Welding II
- 993305 Production Welding Processes

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 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 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 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.
- Applicant must earn a passing score on a Welding (performance & written)* Assessment: TOCA at RCU—Welding or hold American Welding Society (AWS) Certification or NCCER welding assessment. The performance assessment should include successful completion of seven test plates out of the fourteen test plates listed in the curriculum (please see curriculum for list).
Or
- Other teacher occupational competency assessment 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 the NCCER Instructor Certification.
- 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 Welding 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 975 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.

* Effective SY '19 – 20, both assessments will be required for all new applicants with a 975 endorsement issued after final State Board approval.

Career Pathway: Instrumentation

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

Instrumentation I
Instrumentation II
Fundamentals of Instrumentation
Application of Instrumentation
Theory of Instrumentation
Advanced Skills of Instrumentation

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 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 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 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.
- Applicant must earn a passing score on the NCCER – Instrumentation written and performance assessments

Or

- Other teacher occupational competency assessment 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 Instrumentation 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 ___ 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.