OFFICE OF CHIEF ACCOUNTABILITY OFFICER Summary of State Board of Education Agenda Item Consent Agenda February 20, 2020

OFFICE OF TEACHING AND LEADING

E. Approval to revise two (2) Career Pathway licensure options, 972 Culinary Arts; 962 Sports Medicine; establish two (2) new Career Pathways in the endorsement areas of Fire Science, Business, Marketing, and Finance; and establish one (1) new endorsement in the area of Computer Science

Background Information: On Friday, January 10, 2020, the Commission on Teacher and Administrator Education, Certification and Licensure and Development (Licensure Commission) met in its regularly scheduled meeting and approved the recommendations received from the Office of Secondary Education to approve proposed revisions to two (2) Career and Technical Education (CTE) Career Pathway educator licensure endorsement areas to become effective after final State Board of Education approval and to establish four (4) new CTE endorsements to become effective academic year 2020 – 2021. The proposed criteria for obtaining licensure in the following Career Pathway endorsement areas are outlined as follows:

A. Endorsement 972 Career Pathway: Culinary Arts

The Office of Secondary Education is requesting approval to change the related assessment requirement. Currently, we require three weeks of summer training and ServSafe certification. The proposal is to require forty-eight hours of summer training and increase the certification to Manager and Instructor levels. Also, we would like to exempt educators with a bachelor's degree or higher in Culinary from the summer training.

B. Endorsement 962 Career Pathway: Sports Medicine

The Office of Secondary Education is requesting approval to add an additional degree area to the Educational requirement. Currently, there are two degrees used to determine an educator's eligibility to obtain the endorsement.

C. Endorsement (TBD) Career Pathway: Fire Science

The Office of Secondary Education is requesting approval to establish the new Career Pathway to become available Academic Year 2020 – 2021. 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.

D. Endorsement (TBD) Career Pathway: Business, Marketing, and Finance

The Office of Secondary Education is requesting approval to establish the new Career Pathway to become available Academic Year 2020 – 2021. 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.

E. Endorsement (TBD) Computer Science

The Office of Secondary Education is requesting approval to establish the new endorsement to become available Academic Year 2020 – 2021. 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.

Recommendation: Approval

Back-up material attached

972 Career Pathway: Culinary Arts

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

996000 Culinary Arts I
996001 Culinary Arts II
996002 Orientation to Culinary Arts
996004 Theory and Application of Culinary Arts I
996005 Theory and Application of Culinary Arts II
996006 Advanced Studies in Culinary Arts

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'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.
- Applicants must successfully complete the <u>Manager and Instructor</u> ServSafe® Certification exam<u>s</u> and keep it them current (update every 5 years).
- Applicants must successfully complete all components of national Prostart® Certification program.

OR

Applicants must successfully complete at least 48 hours of Culinary Arts mini – courses offered by the Mississippi University for Women.

OR

- Other teacher occupational competency assessment approved by MDE Office of Career and Technical Education.
- Applicants that have a bachelor's degree or higher in Culinary are exempt from the Prostart and Culinary Arts mini courses.

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 Culinary Arts Certification workshop, module, or course that is approved by the Mississippi Department of Education.

962 Career Pathway: Sports Medicine

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

995100 Health Sciences Core 995102 Health Services Core I 995103 Health Services Core II 995200 Sports Medicine

995202 Sports Medicine: Theory and Application I 995203 Sports Medicine: Theory and Application II

Minimum Requirements for this Endorsement:

1. Education

- Applicant must have earned a four-year college degree (bachelor's degree) or higher from an accredited institution of higher education in Physical Therapy, Athletic Training, Kinesiology or closely related field as approved by MDE Supervisor of Program Area.

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 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.
- Applicant must possess and maintain CPR Certification for Health Care Provider Basic Life Support through the American Heart Association.

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 Certification of Online Learning (COOL) workshop, module or course approved by MDE.
- Applicant must successfully complete the Sports Medicine Certification workshop, module, or course that is approved by the Mississippi Department of Education.

(TBD) Career Pathway: Fire Science

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

Fire Science I
Fire Science II
Fundamentals of Fire Science
Beginning Fire Science
Intermediate Fire Science
Advanced Fire Science

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 Fire Science or a two – year college degree or higher with documented completion of fire academy training or twenty – one (21) hours of acceptable coursework with an earned grade of "C" or higher in the subject area to be taught.

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'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.

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

All successful applicants must have completed the Mississippi State Fire Academy or equivalent from another state. This training exempts the 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 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,
- <u>Applicant must successfully complete the Fire Science Certification workshop, module, or course</u> that is approved by the Mississippi Department of Education.

(TBD) Career Pathway: Business, Marketing, and Finance

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

Business, Marketing, and Finance I

Business, Marketing, and Finance II

Fundamentals of Business and Entrepreneurship

Marketing

Management

Finance

Minimum Requirements for this Endorsement:

1. Education:

Applicant must have earned a bachelor's degree or higher from an accredited institution of higher education in the area of Business or hold a currently valid five-year license in 405 Business Management, 192 Social Studies, or 193 Economics.

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 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. (Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program are not required to have the occupational experience.)

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

Earn the required score on the Entrepreneurship and Small Business assessment. https://certiport.pearsonvue.com/Certifications/ESB/Certification/Overview

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 Master Teacher of Economics program as approved by the MDE.
- 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 Business, Marketing, and Finance 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 (TBD) 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.

* Teachers with a currently valid standard five – year 952 Business Finance and Accounting, 955 Business Management, and/or 956 Marketing endorsement will have three years (June 30, 2023) to complete the updated curriculum training for the certification.

(TBD) Computer Science

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

<u>Cyber Foundations I</u> Cyber Foundations II

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 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.

(Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program are not required to have the occupational experience.)

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 Cyber Foundations Certification workshop, module, or course that is approved by the Mississippi Department of Education. This course should include online modules and face to face training.

972 Career Pathway: Culinary Arts

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

996000 Culinary Arts I
996001 Culinary Arts II
996002 Orientation to Culinary Arts
996004 Theory and Application of Culinary Arts I
996005 Theory and Application of Culinary Arts II
996006 Advanced Studies in Culinary Arts

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'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.
- Applicants must successfully complete the Manager and Instructor ServSafe® Certification exams and keep them current.
- Applicants must successfully complete all components of national Prostart® Certification program.

OR

- Applicants must successfully complete at least 48 hours of Culinary Arts mini – courses offered by the Mississippi University for Women.

OR

- Other teacher occupational competency assessment approved by MDE Office of Career and Technical Education.
- Applicants that have a bachelor's degree or higher in Culinary are exempt from the Prostart and Culinary Arts mini courses.

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 Culinary Arts Certification workshop, module, or course that is approved by the Mississippi Department of Education.

962 Career Pathway: Sports Medicine

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

995100 Health Sciences Core 995102 Health Services Core I 995103 Health Services Core II 995200 Sports Medicine

995202 Sports Medicine: Theory and Application I 995203 Sports Medicine: Theory and Application II

Minimum Requirements for this Endorsement:

1. Education

Applicant must have earned a four-year college degree (bachelor's degree) or higher from an
accredited institution of higher education in Physical Therapy, Athletic Training, Kinesiology
or closely related field as approved by MDE Supervisor of Program Area.

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 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.
- Applicant must possess and maintain CPR Certification for Health Care Provider Basic Life Support through the American Heart Association.

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 Certification of Online Learning (COOL) workshop, module or course approved by MDE.
- Applicant must successfully complete the Sports Medicine Certification workshop, module, or course that is approved by the Mississippi Department of Education.

(TBD) Career Pathway: Fire Science

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

Fire Science I
Fire Science II
Fundamentals of Fire Science
Beginning Fire Science
Intermediate Fire Science
Advanced Fire Science

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 Fire Science or a two – year college degree or higher with documented completion of fire academy training or twenty – one (21) hours of acceptable coursework with an earned grade of "C" or higher in the subject area to be taught.

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'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.

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

- All successful applicants must have completed the Mississippi State Fire Academy or equivalent from another state. This training exempts the 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 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 Fire Science Certification workshop, module, or course that is approved by the Mississippi Department of Education.

(TBD) Career Pathway: Business, Marketing, and Finance

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

Business, Marketing, and Finance I
Business, Marketing, and Finance II
Fundamentals of Business and Entrepreneurship
Marketing
Management
Finance

Minimum Requirements for this Endorsement:

1. Education:

- Applicant must have earned a bachelor's degree or higher from an accredited institution of higher education in the area of Business or hold a currently valid five-year license in 405 Business Management, 192 Social Studies, or 193 Economics.

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 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. (Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program are not required to have the occupational experience.)

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- 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 Master Teacher of Economics program as approved by the MDE.
- 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 Business, Marketing, and Finance 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 (TBD) 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.

* Teachers with a currently valid standard five – year 952 Business Finance and Accounting, 955 Business Management, and/or 956 Marketing endorsement will have three years (June 30, 2023) to complete the updated curriculum training for the certification.

(TBD) Computer Science

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

Cyber Foundations I Cyber Foundations II

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 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.

(Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program are not required to have the occupational experience.)

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 Cyber Foundations Certification workshop, module, or course that is approved by the Mississippi Department of Education. This course should include online modules and face to face training.