

Mississippi Department of Education  
Office of Educator Licensure

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

***Revised June 2024***

## Special Notes

1. All coursework required for any educator license or endorsement in this manual must:
  - a) be presented on an official academic transcript from an accredited educational institution and
  - b) have a grade of “C” or higher.
2. If workshops or education modules are taken to fulfill any requirement for any license or endorsement in this manual, the applicant must provide proof of completion.
3. Continuing Education Units or Courses completed for renewal of a license will meet the requirements for renewal of all Career & Technical Licenses or Endorsements held by an individual.
4. If the applicant meets all requirements listed, they will be issued 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 license for a given license code; all requirements stated for the license must be satisfied prior to the ending date of that three – year license.
5. Applicants who have successfully completed Student Teaching/Teaching Internship are not required to complete Vocational Instructor Preparation (VIP)

### Definitions:

Non – Education Degree – A Bachelor’s degree that does not include Student Teaching

Student Teaching or Teaching Internship – A college course or courses in which the student participates in a directed teaching experience with a mentor teacher

Technical Certificate – A certification of successful completion of a course of study that normally does not include “Academic” course work and is completed in less than four semesters

Related Field - An applicant holds an earned two-year or four-year degree, as appropriate for the license being pursued, in any field and has completed eighteen (18) hours **of acceptable coursework with an earned grade of “C”** or higher in the subject area the license is requested

This is a guide for use in the Office of Educator Licensure and the Office of Career and Technical Education at the Mississippi Department of Education. This guide is distributed via the Mississippi Department of Education website through the Office of Educator Licensure.

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## CTE Occupational Endorsements

301	Vocational Agriculture – Related Program
302	Agriculture
306	Aquaculture
349	Custodial Services
373	Small Gas Engines
912	Career Pathway: Law and Public Safety
913	Career Pathway: Energy Technology
914	Career Pathway: Forestry
915	Entrepreneurship
918	Career Pathway: Furniture Design & Manufacturing
919	Career Pathway: Heavy Equipment Operation
925	Career Pathway: Food Products (Meats)
932	Career Pathway: Fire Science
934	Career Pathway: Business, Marketing, and Finance
936	Career Pathway: Shipbuilding Academy
939	Career Pathway: Advanced Manufacturing
951	Career Pathway: Aquaculture
952	Career Pathway: Finance and Accounting
953	Career Pathway: Lodging, Hospitality, and Tourism Management
954	Career Pathway: Information Technology
955	Career Pathway: Business Management
956	Career Pathway: Marketing
957	Career Pathway: Barbering
958	Career Pathway: Television Broadcasting and Production
959	Career Pathway: Cosmetology
960	Career Pathway: Software Development
961	Career Pathway: Healthcare and Clinical Services
962	Career Pathway: Sports Medicine
963	Career Pathway: Dental Assisting
964	Career Pathway: Instrumentation
965	Career Pathway: Transportation and Logistics
966	Career Pathway: Automotive Service Technician
967	Career Pathway: Collision Repair Technician
968	Career Pathway: Diesel Service Technician
969	Career Pathway: Precision Machining
970	Career Pathway: Early Childhood
971	Career Pathway: Teacher Academy
972	Career Pathway: Culinary Arts
973	Career Pathway: Industrial Maintenance
974	Career Pathway: Heating, Ventilation, Air Conditioning
975	Career Pathway: Welding
976	Career Pathway: Metal Fabrication
977	Career Pathway: Carpentry
978	Career Pathway: Electrical
979	Career Pathway: Masonry

- 980 Career Pathway: Plumbing
- 985 Career Pathway: Engineering
- 986 Career Pathway: Architecture and Drafting
- 987 Career Pathway: Digital Media Technology
- 988 Career Pathway: Simulation and Animation Design and Development
- 989 Career Pathway: Polymer Science
- 990 Career Pathway: Agricultural and Natural Resources
- 991 Career Pathway: Horticulture
- 992 Career Pathway: Agriculture & Environmental Science and Technology (AEST)
- 993 Career Pathway: Agriculture Power and Machinery

### **CTE Non – Occupational Endorsements**

- 309 Special Populations Personnel
- 314 Career and Technical Education Counselor
- 911 Career and Technical Education Administrator
- 916 Keystone
- 917 Career Pathway Experience
- 933 Computer Science
- 935 Exploring Computer Science
- 948 Family and Consumer Science (non – education)
- 949 Family and Consumer Science (education)
- 981 Information & Communication Technology I
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- 983 Science, Technology, Engineering and Mathematics
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## **CTE Stand Alone Educator Licenses**

### **301 Vocational Agriculture-Related Program**

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

029990 Agriscience, Introduction

**This license is also prerequisite for certain supplemental or “add-on” endorsements**

**Minimum Requirements for this Endorsement:**

#### **1. Education**

- Hold a four-year college degree or higher from an accredited institution of higher education in a field related to the subject being taught. The following degree majors are recognized for this purpose:
  - Agricultural Economics
  - Animal and Dairy Science
  - Plant and Soil Science
  - Poultry Science
  - Veterinary Science
- Other degrees must be approved by MDE Coordinator of Agriculture Programs

#### **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**

- 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.
- 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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 301 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.**



## 302 Agriculture

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

029990 Agriscience, Introduction  
010303 Aquaculture I  
010306 Aquaculture II

**This license is also prerequisite for certain supplemental or “add-on” endorsements**

**Minimum Requirements for this Endorsement:**

### 1. Education

- A bachelor’s degree in Agriculture Education to include student teaching.  
Passing score on Principles of Learning and Teaching and PRAXIS Core.  
*PRAXIS II in subject area not available.*

### 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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 302 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.**

## 349 Custodial Services

This vocational program area and associated teacher license title and code number are **LIMITED** to currently existing programs. Future use of this license is exclusively limited to teachers of currently existing programs; further, any applicant for this license must be approved by the MDE Office of Career and Technical Education.

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

- 200604 Custodial/Caretaker Services I
- 200694 Custodial/Caretaker Services II

### Minimum Requirements for this Endorsement:

#### 1. Education

- Hold 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.

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

- Careful review of occupational experience with documentation of the applicability of that experience to the subject area being taught is required. No further assessment required.

#### 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 349 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.

### 373 Small Gas Engines

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

- 470692 Outboard Engine Mechanics I
- 470694 Outboard Engine Mechanics II
- 470606 Small Engine Repair I
- 470613 Small Engine Repair II

**Minimum Requirements for this Endorsement:**

**1. Education**

- Hold 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.

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

- Equipment and Engine Training Council Certification: Certified in 4-stroke, 2-stroke, and electrical
- 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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 373 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 a two – year college degree or higher with documented completion of law enforcement training, emergency medicine training, fire academy training, or military training, or eighteen (18) 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 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.*

**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.**

## 913 Career Pathway: Energy Technology

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

- 994200 Energy Technician I
- 994201 Energy Technician II
- 994202 Energy Foundations I
- 994203 Energy Foundations II
- 994204 Energy Alternative Forms
- 994205 Energy Generation Technician

### 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 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. *An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- Applicant must possess and maintain Energy Industry Fundamentals Certificate (comprehensive assessment) through the Center for Energy and Workforce Development 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 Contren 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 Energy Technology 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 913 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.**

## 914 Career Pathway: Forestry

This endorsement licenses a person to teach the following courses:

029990 Agriscience--Introduction  
991500 Forestry I  
991501 Forestry II  
991502 Forestry Introduction  
991503 Forestry Surveying and Measurements  
991504 Forestry Cruising  
991505 Forestry Marketing

### 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. Degree must be in Forestry or closely related field as approved by MDE Supervisor of Program Area.

#### 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 assessments for this license are IC3 or other approved MDE substitute.

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

- Verification of at least one year of occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught.  
*An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- All successful applicants must hold bachelor or higher degree in the subject area to be taught (see #1 above). 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 do not have to enroll in VIP.)**
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP or 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 Forestry 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 914 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.**

**918 Career Pathway: Furniture Design & Manufacturing**

**This vocational program area and associated teacher license title and code number are LIMITED to currently existing programs. Future use of this license is exclusively limited to teachers of currently existing programs; further, any applicant for this license must be approved by the MDE Office of Career and Technical Education.**

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

- 993500 Furniture Manufacturing & Upholstery I
- 993501 Furniture Manufacturing & Upholstery II
- 993502 Furniture Design and Manufacturing I
- 993503 Furniture Design and Manufacturing II
- 993504 Furniture Design and Manufacturing III
- 993505 Furniture Design and Manufacturing IV

**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. *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:**

- Careful review of occupational experience with documentation of the applicability of that experience to the subject area being taught is required. No further assessment required.

**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 Furniture Design & Manufacturing 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 918 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.**

## 919 Career Pathway: Heavy Equipment Operation

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

- 997400 Heavy Equipment Operation I
- 997401 Heavy Equipment Operation II
- 997402 Fundamentals of Heavy Machinery Operation
- 997403 Application of Heavy Machinery Operation
- 997404 Theory of Heavy Machinery Operation
- 997405 Advanced Skills of Heavy Machinery Operation

### 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 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 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:

- National Center for Construction Education and Research (NCCER), National Craft Assessment and Certification Program: Earn required score on Heavy Machinery Support Mechanic assessment.

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 Heavy Equipment Operation 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 919 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.**



## 925 Career Pathway: Food Products (Meats)

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

- 029990 Agriscience--Introduction
- 991200 Food Products (Meats) I
- 991201 Food Products (Meats) II
- 991202 Food Products (Meats): Fundamentals
- 991203 Food Products (Meats): Custom Operations
- 991204 Food Products (Meats): Basic Meats Processing
- 991205 Food Products (Meats): Advanced Meats Processing

### Minimum Requirements for this Endorsement:

#### 1. Education

- Applicant must have earned a two-year college degree or higher from an accredited institution of higher education. The degree must be in a field related to the subject being taught and must be approved by the 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 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.*

#### 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 Food Products (Meats) 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 925 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.

## 932 Career Pathway: Fire Science

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

- 991050 Fire Science I
- 991051 Fire Science II
- 991052 Fundamentals of Fire Science
- 991053 Beginning Fire Science
- 991054 Intermediate Fire Science
- 991055 Advanced Fire Science

**Minimum Requirements for this Endorsement:**

### 5. 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 eighteen (18) hours of acceptable coursework with an earned grade of “C” or higher in the subject area to be taught.

### 6. 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.

### 7. 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:**

- 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.

### 8. 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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 932 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.**

## 933 Computer Science

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

- 000284 Cyber Foundations I
- 000286 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 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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 933 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.**

## 934 Career Pathway: Business, Marketing, and Finance

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

- 992004 Business, Marketing, and Finance I
- 992005 Business, Marketing, and Finance II
- 992404 Fundamentals of Business and Entrepreneurship
- 992403 Marketing
- 992309 Management
- 992003 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 105 Business Education, 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 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 934 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 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.**

**935 Exploring Computer Science**

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

000283 Exploring Computer Science

**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 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 Exploring Computer Science 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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 935 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.**

## 936 Career Pathway: Shipbuilding Academy

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

- 235070 Naval Architecture Core
- 235075 Naval Architecture I
- 235080 Shipbuilding Core
- 235085 Shipbuilder Exploration
- 235086 Shipbuilder I

### 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 in Welding, Electrical, Sheet Metal or a closely related field approved by the MDE Program Supervisor.

#### 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.  
*An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- Applicant must earn a passing score on the National Center for Construction Education and Research (NCCER) – Welding written and performance assessments (includes at least seven test plates)  
Or
- Applicant must earn a passing score on the National Center for Construction Education and Research (NCCER) Commercial Electrician assessment.  
Or
- Applicant must earn a passing score on the National Center for Construction Education and Research (NCCER) Maritime Structural Fitter assessment.  
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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 936 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.**

## 939 Career Pathway: Advanced Manufacturing

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

- 991730 Basics of Advanced Manufacturing
- 991740 Fundamentals of Advanced Manufacturing
- 991750 Processes of Advanced Manufacturing
- 991755 Production in Advanced Manufacturing
- 991710 Advanced Manufacturing I
- 991711 Advanced Manufacturing 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 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.  
*An educator with a standard five – year license may use experience outside of the ten – year timeframe.*

**To show occupational expertise, this endorsement requires the following:**

- All applicants must complete an externship with a manufacturing company (or companies) of forty hours in length. Externship must be approved by MDE.

#### **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 Contren 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 Advanced Manufacturing 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 939 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.**

## 948 Family and Consumer Sciences (non-education)

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

- 200121 Family Dynamics
- 200122 Child Development
- 200140 Contemporary Health (Grades 9-12)
- 200129 Resource Management
- 200130 Nutrition & Wellness

### Minimum Requirements for this Endorsement:

#### 1. Education

- Applicant must have earned a four-year college degree or higher from an accredited institution of higher education in Family and Consumer Sciences (non-education degree), Human Sciences, Human Services, Early Childhood, Nutrition, or a closely related subject area approved by the MDE program supervisor, or pass PRAXIS II, Family and Consumer Science. **(An educator with a 321 endorsement automatically qualifies for a three – year provisional 948 endorsement.)**

#### 2. Technology

- 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

- Verification of at least one year of occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught. **(Exception: Those teachers that have a currently valid five-year license are not required to have the occupational experience.)**
- 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

- 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 *Learning Management Systems Fundamentals* or C.O.O.L. workshop, module, or course that is approved by the Mississippi Department of Education.
- Applicant must successfully complete training for updated curricula in Family and Consumer Sciences. This requirement may be a workshop, module or course that is approved by the Mississippi Department of Education. **(Exception: Teachers with a currently valid license and endorsement #321 are exempt from this requirement; however, those teachers are strongly encouraged to attend this educator training.)**
- Applicant must successfully complete the Contemporary Health – Grades 9-12 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 948 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.**



## 949 Family and Consumer Sciences (education)

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

- 200121 Family Dynamics
- 200122 Child Development
- 200140 Contemporary Health (Grades 9-12)
- 200129 Resource Management
- 200130 Nutrition & Wellness

### Minimum Requirements for this Endorsement:

#### 1. Education

- A bachelor degree in Home Economics/Family and Consumer Sciences Education—this must be a teacher education degree that includes student teaching and passing score on PRAXIS Core, Principles of Learning and Teaching and passing score on PRAXIS II, Home Economics/Family and Consumer Science. Or complete an academic alternate route see Office of Licensure Guidelines. Or applicant with a valid educator license can earn a passing score on PRAXIS II, Family and Consumer Science. **(An educator with a 322 endorsement automatically qualifies for a three – year provisional 949 endorsement.)**

#### 2. Technology

- 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

- 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

- Applicant must successfully complete a *Learning Management Systems Fundamentals* or C.O.O.L. workshop, module, or course that is approved by the Mississippi Department of Education.
- Applicant must successfully complete training for updated curricula in Family and Consumer Sciences. This requirement may be a workshop, module or course that is approved by the Mississippi Department of Education. **(Exception: Teachers with a currently valid license and endorsement #322 are exempt from this requirement; however, those teachers are strongly encouraged to attend this educator training.)**
- Applicant must successfully complete the Contemporary Health – Grades 9-12 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 949 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.**

## 951 Career Pathway: Aquaculture

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

- 991600 Aquaculture Technology I
- 991601 Aquaculture Technology II

### Requirements for this Endorsement:

#### 1. Education

- Hold a four-year college degree or higher from an accredited institution of higher education in a field of aquaculture or closely related field as approved by MDE Office of Career and Technical 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

- Verification of at least one year of occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught.  
*An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- 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 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 Aquaculture 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 951 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.**

## 953 Career Pathway: Lodging, Hospitality, and Tourism Management

This endorsement licenses a person to teach the following courses:

- 992100 Lodging, Hospitality, and Tourism Management I
- 992101 Lodging, Hospitality, and Tourism Management II
- 992102 Hospitality Services I
- 992103 Hospitality Services II
- 992104 Hospitality Services III
- 992105 Hospitality Services IV

### 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. Degree must be in Lodging and Hospitality, Marketing, Management, Family and Consumer Sciences, or other degree approved by MDE Supervisor of Program Area.

#### 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 assessments for this license are IC3 or other approved MDE substitute.

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

- Verification of at least one year of occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught.  
*An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- All successful applicants must hold bachelor or higher degree in the subject area to be taught (see #1 above). 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 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 a Hospitality, and Lodging, Tourism Management 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 953 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.

**954 Career Pathway: Information Technology**

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

- 992206 Information Technology Associate I
- 992207 Information Technology Associate II
- 992208 Information Technology Fundamentals I
- 992209 Information Technology Fundamentals II
- 992210 Information Technology Networking I
- 992211 Information Technology Networking II

**Minimum Requirements for this Endorsement:**

**5. Education**

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

**6. 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.

**7. 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. *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:**

- Possess and maintain up-to-date CompTIA A+ Certification or CompTIA IT Fundamentals Certification or TestOut IT Fundamentals Pro
- AND**
- Microsoft MTA Networking Fundamentals or CompTIA Network+ or TestOut Network Pro
- OR**
- Other teacher occupational competency assessment approved by MDE Office of Career and Technical Education.

**8. 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 Information Technology 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 954 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.**

## 957 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 957 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.**

## 958 Career Pathway: Television Broadcasting and Production

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

- 994600 Broadcast Journalism I
- 994601 Broadcast Journalism II
- 994602 Television Broadcasting and Production I
- 994603 Television Broadcasting and Production II
- 994604 Television Broadcasting and Production III
- 994605 Television Broadcasting and Production IV

**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. Degree must be in Arts, Audio-Video Technology and Communication 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 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:**

- Complete Approved Training in Final Cut Pro, Adobe Premiere Pro, Avid, or Davinci  
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 Television Broadcasting and Production 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 958 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.**

**959 Career Pathway: Cosmetology**

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

- 994700 Cosmetology: Introduction to Cosmetology
- 994701 Cosmetology: Basic Cosmetology
- 994702 Cosmetology: Advanced Cosmetology
- 994703 Cosmetology: Applications of Cosmetology
- 994704 Cosmetology I
- 994705 Cosmetology II
- 994706 Cosmetology III
- 994707 Cosmetology IV

**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 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 Cosmetology Instructor License issued by the State Board of Cosmetology

**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 959 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.**

## **960 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 bachelor's 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 960 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.**



## 961 Career Pathway: Healthcare and Clinical Services

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

- 995003 Theory and Applications of Health Sciences I
- 995100 Health Sciences (Core)
- 995101 Healthcare and Clinical Services
- 995102 Health Sciences Core I
- 995103 Health Sciences Core II
- 995104 Healthcare and Clinical Services I
- 995105 Healthcare and Clinical Services II

### Minimum Requirements for this Endorsement:

#### 1. Education

- Applicant must be a **Licensed Practical Nurse or higher** who is a graduate of an accredited School of Nursing with a two-year (associate) degree or higher.

#### 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. *An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- Applicant must possess and maintain an unrestricted Mississippi Registered Nurse License.
- Applicant must possess and maintain CPR Certification for Health Care Provider Basic Life Support through 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 Healthcare and Clinical Services 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 961 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.

## 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 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 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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 962 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.**

## 963 Career Pathway: Dental Assisting

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

- 995100 Health Sciences Core
- 995102 Health Services Core I
- 995103 Health Sciences Core II
- 995300 Dental Assisting

### 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 Dental Hygiene or degree approved by the 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). 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 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 possess and maintain currently valid certification as Certified Dental Assistant (CDA) as issued by the Dental Assisting National Board.
- Applicant must possess and maintain a Healthcare Provider Basic Life Support Certification through 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 a Certification of Online Learning (COOL) workshop, module or course.
- Applicant must successfully complete the Dental Assisting 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 963 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.

## 964 Career Pathway: Instrumentation

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

- 235050 Instrumentation I
- 235051 Instrumentation II
- 235060 Fundamentals of Instrumentation
- 235061 Application of Instrumentation
- 235062 Theory of Instrumentation
- 235063 Advanced Skills of Instrumentation

### Minimum Requirements for this Endorsement:

#### 5. Education

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

#### 6. 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.

#### 7. 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. *An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- Applicant must earn a passing score on the NCCER – Instrumentation written assessment  
Or
- Other teacher occupational competency assessment approved by MDE Office of Career and Technical Education

#### 8. 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 964 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.

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

Or

- 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.**

## 966 Career Pathway: Automotive Service Technician

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

- 997000 Automotive Service I
- 997001 Automotive Service II
- 997002 Automotive Service Fundamentals I
- 997003 Automotive Service Fundamentals II
- 997004 Automotive Service Fundamentals III
- 997005 Automotive Service Fundamentals IV

### 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. *An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- Applicant must hold ASE Certifications in the following five areas:
  - a) Steering and Suspension (test A4)
  - b) Brakes (test A5)
  - c) Electrical/Electronics (test A6)
  - d) Engine Performance (test A8)
  - e) Maintenance and Light Repair (test G1)

#### 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 Automotive Service 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 966 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.

## 967 Career Pathway: Collision Repair Technician

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

- 997100 Collision Repair I
- 997101 Collision Repair II
- 997102 Fundamentals of Collision Repair
- 997103 Intermediate Painting and Refinishing
- 997104 Advanced Fundamentals of Collision Repair
- 997105 Advanced Painting and Refinishing

### 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. *An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- Applicant must hold currently valid and up-to-date ASE Certification in Painting and Refinishing (test B2) or I-CAR Certification in Painting and Refinishing that is equivalent to Test B2.  
AND
- ASE Certification in Non – Structural Analysis & Damage Repair (test B3) or I-CAR Certification in Non – Structural Analysis & Damage Repair that is equivalent to Test B3 \*

#### 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 Collision Repair 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 967 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 '22 – 23, both assessments will be required for all new applicants with a 967 endorsement issued after final State Board approval.

**968 Career Pathway: Diesel Service Technician**

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

- 997200 Diesel Service Technician I
- 997201 Diesel Service Technician II
- 997202 Fundamentals of Diesel Systems and Components
- 997203 Diesel Electrical/Electronic Systems
- 997204 Diesel Engine Performance
- 997205 Diesel Auxiliary Components and Systems

**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. *An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- Applicant must hold ASE Certifications in the following three areas:
  - a) Medium & Heavy-Duty Truck (test Diesel T2)
  - b) Electrical/Electronics (test T6)
  - c) Preventative Maintenance (test T8)

**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 Diesel Service Technician 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 968 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.**



## 969 Career Pathway: Precision Machining

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

- 993403 Precision Machining I
- 993404 Precision Machining II
- 993405 Fundamentals of Precision Machining
- 993406 Application of Precision Machining
- 993407 Theory of Precision Machining
- 993408 Advanced Skills of Precision Machining

### 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. *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:**

- National Institute for Metalworking Skills (NIMS) Certification as follows: NIMS, Level 1 Certificate

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 Precision Machining 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 969 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.**

## 970 Career Pathway: Early Childhood

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

- 996200 Early Childhood I
- 996201 Early Childhood II
- 996202 Fundamentals of Early Childhood Education
- 996203 Child Development
- 996204 The Learning Environment
- 996205 Management of a Quality Child Care Program

### 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 Early Childhood, Elementary Education, Family & Consumer Sciences, Human Services, Human Sciences, 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 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. **(Exception: Those teachers that have a currently valid five-year license are not required to have the occupational experience.)**
- Applicant must earn and maintain CPR Certification.
- Applicant must earn and maintain First Aid Certification.

#### 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 Early Childhood 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 970 endorsement – 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.

## 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 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.*
- 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.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 972 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.**

## 973 Career Pathway: Industrial Maintenance

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

- 993001 Industrial Maintenance
- 993002 Fundamentals of Industrial Maintenance
- 993003 Application of Industrial Maintenance
- 993011 Industrial Maintenance II
- 993012 Theory of Industrial Maintenance
- 993013 Advanced Skills Industrial Maintenance

### 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. *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:

- National Center for Construction Education and Research (NCCER), National Craft Assessment and Certification Program: Earn required score on Industrial Maintenance Support Mechanic assessment

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 Contren 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 Industrial Maintenance 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 973 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.**

## 974 Career Pathway: Heating, Ventilation, and Air Conditioning

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

- 993018 Fundamentals of HVAC
- 993019 Application of HVAC
- 993020 HVAC I
- 993021 HVAC II
- 993022 Beginning HVAC
- 993023 Advanced HVAC

### 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. *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:

- National Center for Construction Education and Research (NCCER), National Craft Assessment and Certification Program: Earn required score on Heating, Ventilation, and Air Conditioning Technician assessment.

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 Contren 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 HVAC 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 974 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. *An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
  - 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.**

## 976 Career Pathway: Metal Fabrication

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

- 993206 Metal Fabrication I
- 993207 Metal Fabrication II
- 993208 Fundamentals of Metal Fabrication
- 993209 Application of Metal Fabrication
- 993210 Theory of Metal Fabrication
- 993211 Advanced Skills of Metal Fabrication

**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. *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:**

- National Institute for Metalworking Skills (NIMS) Certification as follows:  
NIMS, Level 1 Certificate

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 Manufacturing 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 976 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.

## 977 Career Pathway: Carpentry

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

- 993101 Construction
- 993102 Safety and Orientation to Construction
- 993103 Introduction to Construction
- 993110 Carpentry
- 993111 Theory and Application of Carpentry I
- 993112 Theory and Application of Carpentry 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 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.  
*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:**

- National Center for Construction Education and Research (NCCER), National Craft Assessment and Certification Program: Earn required score on Commercial Carpentry assessment.  
OR
- Hold a currently valid Residential Builder’s License, based on results of required examination, and issued from Mississippi State Board of Contractors.  
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 Contren 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 Construction Technology 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 977 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.**



## 978 Career Pathway: Electrical

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

- 993101 Construction
- 993102 Safety and Orientation to Construction
- 993103 Introduction to Construction
- 993120 Electrical
- 993121 Theory and Application of Electrical I
- 993122 Theory and Application of Electrical 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 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. *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:**

- National Center for Construction Education and Research (NCCER), National Craft Assessment and Certification Program: Earn required score on Commercial Electrician assessment.  
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 Contren 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 Construction Technology 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 978 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.

**979 Career Pathway: Masonry**

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

- 993101 Construction
- 993102 Safety and Orientation to Construction
- 993103 Introduction to Construction
- 993130 Masonry
- 993131 Theory and Application of Masonry I
- 993132 Theory and Application of Masonry 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 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. *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:**

- Teacher Occupational Competency Assessment at Mississippi State University’s Research and Curriculum Unit in the following area: TOCA at RCU—Masonry
- 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 Contren 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 Construction Technology 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 979 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.**

## 980 Career Pathway: Plumbing

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

- 993101 Construction
- 993102 Safety and Orientation to Construction
- 993103 Introduction to Construction
- 993140 Plumbing
- 993141 Theory and Application of Plumbing I
- 993142 Theory and Application of Plumbing 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 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. *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:**

- National Center for Construction Education and Research (NCCER), National Craft Assessment and Certification Program: Earn required score on Plumber assessment.  
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 Contren 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 Construction Technology 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 980 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.

## 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's 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 occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught. **(Exception: Those teachers that have a currently valid five-year license are not required to have the occupational experience.)**
- 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 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 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.**

## 986 Career Pathway: Architecture and Drafting

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

- 994300 Architectural Design and Drafting I
- 994301 Architectural Design and Drafting II
- 994302 Concepts of Drafting
- 994303 Drafting and Design
- 994304 Architectural Drafting
- 994305 Architectural Drafting Application

**Minimum Requirements for this Endorsement:**

### 1. Education

- Hold 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. *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:**

- American Design Drafting Association Certification: ADDA Certified Drafter-Architectural  
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 Architecture and Drafting 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 986 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.

**987 Career Pathway: Digital Media Technology**

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

- 994100 Digital Media Technology I
- 994101 Digital Media Technology II
- 994108 Orientation to Digital Media
- 994109 Fundamentals of Digital Media
- 994110 Theory and Applications of Digital Media I
- 994111 Theory and Applications of Digital Media 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). 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. *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:**

- Complete Approved Training in Final Cut Pro, Adobe Premiere Pro, Avid, or Davinci
- AND
- Earn Adobe Certified Associate Certification in the following areas:
  - Photo editing
  - Graphic Design
- OR
- 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 Digital Media Technology 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 987 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.**

## 988 Career Pathway: Simulation and Animation Design and Development

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

- 994400 Simulation and Animation Design and Development I
- 994401 Simulation and Animation Design and Development II
- 994402 Ethics, Design Theory, and Photography
- 994403 Design Visualization and Character Development
- 994404 Audio and Video Production
- 994405 Business, Evaluation, and Development of Simulation and Animation Projects

### Minimum Requirements for this Endorsement:

#### 1. Education

- Applicant must hold a four-year college degree (bachelor's degree) or higher from an accredited institution of higher education. The degree must be in a related field or must be approved by 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 assessment for this license is IC3.

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

- Verification of at least one year of occupational experience in the past ten years. This experience must be appropriate to the subject area 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:

- Earn Adobe Certified Associate Certification in all the following areas:
  - Photo Editing
  - Graphic Design

OR

- 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 Video Game Design and 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 988 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.**

## 989 Career Pathway: Polymer Science

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

- 994500 Polymer Science I
- 994501 Polymer Science II
- 994502 Introduction to Polymer Science I
- 994503 Introduction to Polymer Science II
- 994504 Advanced Topics in Polymer Science
- 994505 Careers in Polymer Science

### Minimum Requirements for this Endorsement:

#### 1. Education

- Applicant must hold a four-year college degree (bachelor's degree) or higher from an accredited institution of higher education. The degree must be in polymer science, chemistry, or other appropriate field of science and must be approved by 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

- Verification of at least one year of occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught. **(Exception: Those teachers that have a valid license in the areas of Chemistry or Physics are not required to have the occupational experience.)**  
*An educator with a standard five – year license may use experience outside of the ten – year timeframe.*
- All successful applicants must hold a 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 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 Polymer Science 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 989 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.



## **990 Career Pathway: Agricultural and Natural Resources**

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

- 029990 Agriscience, Introduction
- 991100 Agricultural and Natural Resources I
- 991101 Agricultural and Natural Resources II
- 991102 Fundamentals of Agricultural and Natural Resources
- 991103 Agricultural and Natural Resources: Soils and Ag Lab Operations
- 991104 Agricultural and Natural Resources: Environmental Science
- 991105 Agricultural and Natural Resources: Equipment Operation and Business MGT

### **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 Agricultural Education, Agricultural Economics, Animal and Dairy Science, Plant and Soil Science, Poultry Science, Veterinary Science, or other appropriate, related field approved by 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 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. **(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 Agriculture and Natural Resources 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 990 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.**

## 991 Career Pathway: Horticulture

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

- 029990 Agriscience, Introduction
- 991400 Horticulture I
- 991401 Horticulture II
- 991402 Introduction to Horticulture
- 991403 Horticulture Plant Processes
- 991404 Horticulture Nursery
- 991405 Horticulture Landscape and Turf grass

### 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 Agricultural Education, Horticulture, Landscaping, Agricultural Economics, Animal and Dairy Science, Plant and Soil Science, Poultry Science, Veterinary Science, or other appropriate, related field approved by 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 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. **(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 Horticulture 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 991 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.**

## 992 Career Pathway: Agriculture & Environmental Science and Technology (AEST)

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

- 029990 Agriscience, Introduction
- 991000 Concepts of Agriculture
- 991001 Science of Agricultural Animals
- 991002 Science of Agricultural Environment
- 991003 Science of Agricultural Plants
- 991004 Science of Agricultural Mechanization

### 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 Agricultural Education, Agricultural Economics, Animal and Dairy Science, Plant and Soil Science, Poultry Science, Veterinary Science, or other appropriate, related field approved by 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 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. **(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 Agriculture 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 992 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.**

**993 Career Pathway: Agriculture Power and Machinery**

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

- 029990 Agriscience--Introduction
- 991300 Agriculture Technology & Mechanical Systems (Core)
- 991301 Agriculture Power and Machinery
- 991302 Agriculture Power and Machinery: Introduction to Agricultural Technology & Mechanical Systems (Core)
- 991303 Agriculture Power and Machinery: Basic Equipment Systems, Maintenance and Repair (Core)
- 991304 Agriculture Power and Machinery: Diesel and Hydraulic Systems and Advanced Cutting
- 991305 Agriculture Power and Machinery: Advanced Equipment Systems, Maintenance and Repair

**Minimum Requirements for this Endorsement:**

**1. Education**

- Applicant must have earned a two-year college degree or higher from an accredited institution of higher education. The degree must be in a field related to the subject being taught and must be approved by the 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 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.*

**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 Agriculture Power and Machinery 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 993 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.

## **Supplemental or “Add On” Endorsements**

All supplemental endorsements are added to an appropriate Class A (or higher) level license.

### 309 Secondary Special Populations Personnel

Educators with at least three (3) years of teaching experience who meet the following requirements are eligible to serve as teacher or coordinator of students in special populations (aka: student services coordinator) and provide them with educational services.

This endorsement requires the following:

1. Bachelor's degree with a teacher license in one of the following:

<u>Endorsement</u>	<u>Subject Area/Major</u>
117	Elementary Education (4-8)
116 & 117	Elementary Education (K – 3) & Elementary Education (4 – 6)
152	Elementary Education (K – 4)
119	English (7-12)
120	Elementary Education (K – 6)
154	Mathematics (7-12)
174	Remedial Reading (K-12)
177	English as a Second Language (K-12)
181	Biology Education (7-12)
206	Emotional Disability (K-12)
207	Gifted (K-12)
221	Mild/Moderate Disability (K-12)
224	Mild/Moderate Disability (7-12) *

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 assessments for this license are IC3 or other approved MDE substitute.

3. Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education. (Exception: Educators with a five-year 309 endorsement do not have to complete this requirement.)

4. Completion of an approved three (3) semester credit course in History, Philosophy, or Principles of Vocational Education OR completion of the comparable education module at the RCU at MSU.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 309 endorsement—a five-year license. If the applicant meets the educational and endorsement requirements, 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.**

**Note: For those persons who served as Special Populations Personnel (secondary level) prior to July 1, 2009, no additional requirements are imposed. At the time of their renewal, the endorsement #309 will be added (provided all other renewal requirements are met). Teachers who seek an initial #309 endorsement on or after July 1, 2009, must meet all requirements stated above.**

**\* Note: Effective July 1, 2017, the Office of Career and Technical Education will no longer accept the endorsement code 224. Those educators that already have the 309 will not be affected by the change.**

## **314 Career and Technical Education Counselor**

**This is an “add on” endorsement that may be earned only by persons who hold a currently valid Mississippi Educator License with endorsement #436—Guidance Counselor.**

**A #314 endorsement allows a person to serve as a career and technical counselor.**

**This endorsement requires the following:**

- 1.** Currently valid Mississippi Educator License with endorsement in Guidance Counselor #436
- 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 assessments for this license are IC3 or other approved MDE substitute.
- 3.** Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
- 4.** Applicant must successfully complete a Career & Technical Counselor 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 314 endorsement—a five-year license. If the applicant meets the endorsement 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.**

**911 Career and Technical Education Administrator**

**This is an “add on” endorsement that may be earned only by persons who hold a currently valid Mississippi Educator License with endorsement #486—Administrator.**

**A #911 endorsement allows a person to serve as a career and technical education administrator.**

**This endorsement requires the following:**

1. Currently valid Mississippi Educator License with endorsement in Administration #486.
2. Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
3. 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 position. Approved assessments for this license are IC3 or other approved MDE substitute.
4. Applicant must successfully complete a Career & Technical Administrator’s Academy as approved by the Mississippi Department of Education.

**Note #1: Effective with academic year 2012-2013, all Career & Technical Administrators must hold a 911 endorsement. To receive reimbursement, all Career & Technical Administrators must complete and submit an application form for this license.**

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 911 endorsement—a five-year license. If the applicant meets the endorsement 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.**



## **915 Entrepreneurship**

**This is an “add on” endorsement that may be earned only by persons who hold a currently valid secondary level educator license in one of the following:**

105 Business Education (7-12)  
405 Business Management  
952 Career Pathway: Finance and Accounting  
955 Career Pathway: Business Management  
956 Career Pathway: Marketing  
192 Social Studies (7-12)  
193 Economics (7-12)

**A #915 endorsement allows a person to teach the following course:**

990003 Entrepreneurship

**This endorsement requires the following:**

1. Applicant must hold a bachelor’s degree and currently valid secondary educator license with one of the following endorsements: 105, 405, 952, 956, 955, 193, or 192.
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 assessments for this license are IC3 or other approved MDE substitute.
3. Applicant must successfully complete a certification for an online learning workshop, module, or course that is approved by the Mississippi Department of Education.
4. Applicant must successfully complete the Master Teacher of Entrepreneurship certification.

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 915 endorsement—a five-year license. If the applicant meets one of the required endorsements 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.**

## **916 Keystone**

**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 an endorsement in any subject area (academic or occupational).**

**A #916 endorsement allows a person to teach the following course:**

990002 Keystone

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

#### **1. Education**

- Applicant must hold a currently valid 5-year standard Mississippi Educator License.

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

- 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 Keystone 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 916 endorsement—a five-year license. If the applicant meets the standard 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.**

## 917 Work Based Learning

This is an “add on” endorsement that may be earned only by persons who hold a currently valid educator license in one of the following areas: secondary level occupational, 309 Special Populations Personnel, 314 Career and Technical Education Counselor, 105 Business Education, 193 Economics, 318 Marketing, or 405 Business Management.

A #917 endorsement allows a person to teach the following course:

- 995010 – Work-Based Learning I
- 995011 – Work-Based Learning II

**This endorsement requires the following:**

1. Applicant must hold a currently valid Mississippi Educator License in one of the following areas: secondary level occupational, 309 Special Populations Personnel, 314 Career and Technical Education Counselor, 105 Business Education, 193 Economics, 318 Marketing, or 405 Business Management.
2. Applicant must validate technology competency during the first year of license 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. Applicant must successfully complete a certification for an online learning workshop, module, or course that is approved by the Mississippi Department of Education.
4. Applicant must successfully complete the CPE or Work Based Learning (WBL) 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 917 endorsement—a five-year license. If the applicant meets the valid 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.

## **971 Career Pathway: Teacher Academy**

**This is an “add on” endorsement that may be earned only by persons who hold a bachelor’s degree from an accredited college or university and holds a currently valid 5-year standard Mississippi Educator License.**

**A #971 endorsement allows a person to teach:**

- 996300 Teacher Academy I
- 996301 Teacher Academy II
- 996302 Foundations of an Educator
- 996303 Practices of an Educator
- 996304 Exploring Diversities and Communication
- 996305 Progressive Practices of Teacher Academy

**This endorsement requires the following:**

- 1.** Applicant must hold a bachelor’s degree (or higher) from an accredited college or university and hold a currently valid 5-year standard teaching license in Mississippi.
- 2.** Applicant must have at least five years of teaching experience.
- 3.** 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.
- 4.** Applicant must successfully complete a Certification for an online learning workshop, module, or course that is approved by the MDE.
- 5.** Applicant must successfully complete the Teacher Academy 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 971 endorsement—a five-year license. If the applicant meets the educational and standard five-year license with years of teaching requirements, 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.**983Science, 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).**

**983 Science, Technology, Engineering, and Mathematics**

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

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.**

## **Occupational Educator Licenses for Certain Postsecondary Areas**

## **Secondary Career and Technical Education at Postsecondary Institutions**

Teachers at postsecondary institutions (community/junior colleges) who are teaching secondary programs of study with secondary students enrolled must hold a valid secondary educator license appropriate to the subject being taught. These teachers are subject to the same regulations/requirements as secondary teachers of the same subjects.

Postsecondary licenses issued by Mississippi Department of Education will continue to be honored until the expiration date of the license. At that time, the applicant will apply for the appropriate secondary license and must meet requirements in effect for that secondary license.

**Postsecondary Interim Career and Technical Education Certification  
Non-Traditional Adult Vocational Entities**

(Educational Settings Under the Authority of the Mississippi Department of Corrections and  
the Mississippi Job Corps Centers)

**Guidelines for Licensure**

Teachers

Occupational education teachers at Mississippi correctional institutions must satisfy the licensure requirements set forth for in the MDE “Guidelines for Postsecondary Interim Vocational Certification” (see next page for those requirements).



**OFFICE OF QUALITY EDUCATORS**  
**Summary of State Board of Education Items**  
**April 19-20, 2007**

**EDUCATOR LICENSURE**

1. Approval of the Postsecondary Interim Vocational Certification as recommended by the Commission on Teacher and Administrator Education, Certification and Licensure Development (cleared APA)

On January 5, 2007 the Commission on Teacher and Administrator Education, Certification and Licensure and Development approved the recommendation from the Office of Educator Licensure and the Office of Vocational Education for the Postsecondary Interim Vocational License.

Rationale:

The Postsecondary Interim Vocational Certification is issued for the sole purpose of meeting the immediate needs of the Postsecondary Vocational Institutions of Higher Education that provide instructional services to students at the secondary level and Non-traditional Adult Vocational Education entities. Non-traditional Adult Vocational Education entities are those educational settings that are under the authority of the Mississippi Department of Corrections and the Mississippi Job Corps Centers providing vocational education instructional services to local school districts.

The Postsecondary Interim Vocational Certification is valid for three-years from the date of issuance and may only be used while employed by the requesting Postsecondary Vocational Institution of Higher Education that provide instructional services to students at the secondary level or Non-traditional Adult Vocational Education entity. The Postsecondary Vocational Institution of Higher Education/Non-traditional Adult Vocational Education entity requesting the Postsecondary Interim Vocational Certification is required to send an official written notice to the Office of Educator Licensure when an educator holding the aforementioned permit is no longer employed by the requesting organization. The Three-Year Postsecondary Interim Vocational Certification is only valid while employed by the requesting organization.

The Postsecondary Interim Vocational Certification must be requested by the college president/dean of education/designee by submitting the following documents to the Office of Educator Licensure:

1. Official Letter of Request from Vocational Institution of Higher Education/Non-traditional Adult Vocational Education

2. The Postsecondary Interim Vocational Certification Licensure Application

3. Sealed Transcripts indicating educational attainment (High School Diploma, Associates, Bachelor's, Master's, Educational Specialist, or Doctoral Degree)

The Postsecondary Vocational Institutions of Higher Education/Non-traditional Adult Vocational Education settings must inform the Office of Educator Licensure of any changes in the originally authorized college president/dean of education/designee's change in status of eligibility to request the Postsecondary Interim Vocational Certification.

*Note: Postsecondary Vocational/General Educators/Administrators seeking licensure at the secondary level must meet secondary educator/administrator licensing requirements.*

Backup material attached Recommendation:

Approval

**GUIDELINES FOR POSTSECONDARY INTERIM CAREER AND TECHNICAL  
EDUCATOR CERTIFICATION**

**THREE YEAR EDUCATOR LICENSE**

**POSTSECONDARY INTERIM CAREER AND TECHNICAL CERTIFICATION**

*The Postsecondary Interim Vocational Certification concept was developed in response to concerns regarding meeting the immediate needs of Postsecondary Vocational Institutions of Higher Education who provide instructional services to students at the secondary level and Non-Traditional Adult Vocational Entities. This license may only be used while employed by the requesting Postsecondary Vocational Institution of Higher Education or Non-traditional Adult Vocational Education Entity.*

License	Requirements	Validity	Issuance of License
Class A Class AA Class AAA Class AAAA	<p align="center">REQUESTED BY VOCATIONAL INSTITUTION OF HIGHER EDUCATION/NON-TRADITIONAL ADULT VOCATIONAL EDUCATION ENTITY ONLY</p> <p>1. Letter of request from the Vocational Institution of Higher Education/ Non-traditional Adult Vocational Education</p> <p>2. Completed Postsecondary Interim Vocational Certification Licensure Application</p> <p>3. Sealed Transcript(s) indicating educational attainment (High School Diploma, Associates, Bachelor's, Master's, Educational Specialist, or Doctoral Degree)</p>	3 years	May be re-issued only through written request from the Vocational Institution of Higher Ed/Non-traditional Adult Vocational Education entity which must include submission of completed Postsecondary Interim Vocational Certification Licensure Application.

Note: Postsecondary Vocational/General Educators/Administrators seeking licensure at the secondary level must meet secondary educator/administrator licensing requirements

# **Occupational Education Administrative Personnel at Correctional Institutions**

## **Guidelines for Licensure**

### Administrators

Occupational education administrators at Mississippi correctional institutions must satisfy the licensure requirements for 911 Career and Technical Education Administrator. See next page for those requirements.

**911 Career and Technical Education Administrator**

**This is an “add on” endorsement that may be earned only by persons who hold a currently valid Mississippi Educator License with endorsement #486—Administrator.**

**A #911 endorsement allows a person to serve as a career and technical education administrator.**

**This endorsement requires the following:**

1. Currently valid Mississippi Educator License with endorsement in Administration #486.
2. Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
3. 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 position. Approved assessments for this license are IC3 or other approved MDE substitute.
4. Applicant must successfully complete a Career & Technical Administrator’s Academy as approved by the Mississippi Department of Education.

**Note #1: Effective with academic year 2012-2013, all Career & Technical Administrators must hold a 911 endorsement. To receive reimbursement, all Career & Technical Administrators must complete and submit an application form for this license.**

**Note: If the applicant meets all requirements listed above, that applicant will be issued a 911 endorsement—a five-year license. If the applicant meets the endorsement 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.**

**506 Special Populations Personnel** (postsecondary only)

**This endorsement licenses a person to serve as follows:**

Persons with this endorsement are eligible to serve as teacher or coordinator of students in special populations by providing them with educational services. This is a one-year license.

**This endorsement requires the following:**

1. Bachelor's degree must be in Education with a major or minor in mathematics, English, elementary, adult, special education or vocational education.
2. This is a one-year license, and it may be converted to a five-year license by completion of an approved three (3) semester credit course in History, Philosophy, or Principles of Vocational Education during first year of employment **OR** completion of the comparable VIP education module at the RCU at MSU.

### 533 Tech Prep Coordinator

**This endorsement licenses a person to serve as follows:**

Persons with this endorsement are eligible to serve as Coordinator of Tech Prep consortia at the community or junior college. This is a one-year license.

**This endorsement requires the following:**

1. A bachelor's or higher degree in Secondary Education from an accredited teacher education institution OR a bachelor's degree or higher from an accredited college/university and hold a standard license in one of the areas of career and technical education
2. Two (2) years of teaching experience.
3. This is a one-year license, and it may be converted to a five-year license by completion of an approved three (3) semester credit course in History, Philosophy, or Principles of Vocational Education during first year of employment OR completion of the comparable VIP education module at the RCU at MSU during the first year of employment.