

Title 7: Education

Part 142: Guidelines and Clarification of Requirements for Issuance of Career and
Technical Education (Occupational Educator) Licenses

Mississippi Department of Education Office of Educator Licensure

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

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. Applicants that hold a “Technical Certificate” from an accepted institution may be granted a three-year license with proof from an accepted institution that the student will complete the requirements for an “Associate of Arts” degree before the end of the three-year license period.
4. 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.
5. If the applicant meets all requirements listed, they will be issued a five-year License. If the applicant does not meet all 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.
6. Hours outside a major area can be accepted with an “Institutional Recommendation”.
7. 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

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Occupational 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 does not meet all 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.

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 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 does not meet all 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.

306 Aquaculture

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

010303 Aquaculture I
010306 Aquaculture II

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

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

- Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.
(Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program 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 306 endorsement—a five-year license. If the applicant does not meet all 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.

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 does not meet all 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.

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 does not meet all 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.

912 Career Pathway: Law and Public Safety

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

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

Minimum Requirements for this Endorsement:

1. Education

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

2. Technology Literacy and Related Assessment of that Competency

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

3. Occupational Experience and Related Assessment of that Experience

- Applicants with an associate degree must have at least three years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
 - Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- This endorsement requires the following assessment(s) of occupational expertise:**
- Applicant must possess and maintain a Community Emergency Response Teams (CERT) Trainer Certification.
 - Applicant must possess and maintain National Incident Management System certifications:
 - . 100.b – Introduction to Incident Command System
 - . 100.LEb – Introduction to the Incident Command System of Law Enforcement
 - . 200.bICS – for Single Resources and Initial Action Incidents
 - . 700.a – An Introduction to National Response Framework
 - . 800.b – An Introduction to National Response Framework

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 does not meet all 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.

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.
- 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 does not meet all 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.

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 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 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 (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 does not meet all 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.

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:

928790 Furniture Manufacturing & Upholstery I
928791 Furniture Manufacturing & Upholstery II
Furniture Design and Manufacturing I
Furniture Design and Manufacturing II
Furniture Design and Manufacturing III
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.

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 does not meet all 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.

919 Career Pathway: Heavy Equipment Operation

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

Heavy Equipment Operation I
Heavy Equipment Operation II
Fundamentals of Heavy Machinery Operation
Application of Heavy Machinery Operation
Theory of Heavy Machinery Operation
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.

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 does not meet all 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.

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.

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 does not meet all 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.

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.

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 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

- 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 does not meet all 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.

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.

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 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

- 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 does not meet all 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.

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

992300 Business Fundamentals
 992301 Business Fundamentals I
 992302 Business Fundamentals II
 992000 Finance and Accounting
 992001 Business Finance
 992002 Accounting Fundamentals
 992308 International Business

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 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 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 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 Finance and Accounting 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 952 endorsement—a five-year license. If the applicant does not meet all 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.

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 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 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 (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 does not meet all 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.

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:

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 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:

- Possess and maintain up-to-date CompTIA A+ Certification or CompTIA IT Fundamentals Certification (STRATA)

AND

- Microsoft MTA Networking Fundamentals OR CompTIA Network+

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 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 does not meet all 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.

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

992300 Business Fundamentals
 992301 Business Fundamentals I
 992302 Business Fundamentals II
 992303 Management
 992304 Management Fundamentals
 992306 Management Essentials
 992308 International Business

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 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 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 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 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 955 endorsement—a five-year license. If the applicant does not meet all 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.

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

992300 Business Fundamentals
 992301 Business Fundamentals I
 992302 Business Fundamentals II
 992400 Marketing
 992401 Marketing Essentials
 992402 Sales and Distribution
 992308 International Business

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 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 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 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 Marketing and Economics 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 956 endorsement—a five-year license. If the applicant does not meet all 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.

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 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.

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

- Final Cut Pro
- 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 does not meet all 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.

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.

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 does not meet all 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.

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

995005 Workplace and Employment Skills in Health Sciences **delete June 2017**
 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
 200140 Contemporary Health (Grades 9-12)

Minimum Requirements for this Endorsement:

1. Education

- Applicant must be a Registered Nurse who is a graduate of an accredited School of Nursing with a two-year (associate) degree or higher. **Consideration is being given to requiring 4-year college degree in the future.**

2. Technology Literacy and Related Assessment of that Competency

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

3. Occupational Experience and Related Assessment of that Experience

- Applicants with an associate degree must have at least two years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught
- Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicant must 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 does not meet all 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.

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 degree) or higher from an accredited institution of higher education in Physical Therapy, Athletic Training 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.
- 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 does not meet all 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.

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 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.
- 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 does not meet all 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.

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.
- Applicant must successfully pass three CPSM Examinations:
 - CPSM Exam 1 – Foundation of Supply Management
 - CPSM Exam 2 – Effective Supply Management Performance
 - CPSM Exam 3 – Leadership in Supply Management

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

Or
- Global Logistics Associate (GLA) – Entry Level Workforce, High School Logistics and Transportation Career Academy, and Community College 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 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 does not meet all 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.

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.
- Applicant must hold ASE Certifications in the following four areas: a) brakes (test A5), b) electrical/electronics (test A6), c) engine performance (test A8) or Maintenance and Light Repair (G1), and d) steering and suspension (test A4).

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 does not meet all 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.

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.
- 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.

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 does not meet all 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.

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.
- Applicant must hold ASE Certifications in the following three areas: a) Medium & Heavy Duty Truck (test Diesel T2), b) Electrical/Electronics (test T6), and 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 does not meet all 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.

969 Career Pathway: Precision Machining

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

993200 Manufacturing Fundamentals
993400 Precision Machining
993202 Manufacturing Fundamentals I
993203 Manufacturing Fundamentals II
993401 Precision Machining I
993402 Precision Machining 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.

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 does not meet all 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

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 or have completed an alternate route program 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 does not meet all requirements, the applicant may be issued a three-year license, and all requirements stated above must be satisfied prior to the ending date of that license.

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.
- Applicants must successfully complete the ServSafe® Certification exam and keep it current (update every 5 years)
- Applicants must successfully complete all components of national Prostart® Certification program
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 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 does not meet all 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.

973 Career Pathway: Industrial Maintenance

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

- 993001 Installation and Service
- 993002 Installation and Service I
- 993003 Installation and Service II
- 993011 Industrial Maintenance
- 993012 Beginning Industrial Maintenance
- 993013 Advanced 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.
 - **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 does not meet all 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.

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

993001 Installation and Service
993021 Heating, Ventilation and Air Conditioning—HVAC
993002 Installation and Service I
993003 Installation and Service 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.

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 does not meet all 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.

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

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

Minimum Requirements for this Endorsement:

1. Education

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

2. Technology Literacy and Related Assessment of that Competency

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

3. Occupational Experience and Related Assessment of that Experience

- Applicants with an associate degree must have at least two years of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicants with a bachelor or higher degree must have at least one year of verifiable occupational experience in the past ten years. Experience must be appropriate to the subject to be taught.
- Applicant must earn a passing score on the Welding Assessment: TOCA at RCU—Welding or hold American Welding Society (AWS) 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 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 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 does not meet all 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.

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

993200 Manufacturing Fundamentals
993201 Metal Fabrication
993202 Manufacturing Fundamentals I
993203 Manufacturing Fundamentals II
993204 Metal Fabrication I
993205 Metal Fabrication 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.

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 does not meet all 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.

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.

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 does not meet all 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.

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.

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 does not meet all 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.

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.

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 does not meet all 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.

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.

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 does not meet all 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.

This endorsement licenses a person to teach the following courses:

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

Minimum Requirements for this Endorsement:

1. Education

- Applicant must have earned a four-year college degree (bachelor degree) or higher from an accredited institution of higher education. Degree must be in engineering, mathematics or an appropriate field of science (approved by MDE program coordinator).

2. Technology Literacy and Related Assessment

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

3. Occupational Experience and Related Assessment of that Experience

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

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

- Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.
(Exception: Those teachers that have a currently valid five-year license or have completed an alternate route program 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 does not meet all 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.

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.
- 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 does not meet all 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.

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.

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

- Complete Approved Training in Final Cut Pro
AND
- Earn Adobe Certified Associate Certification in all the following areas:
Web Communication
Rich Media Communication
Visual Communication
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 does not meet all 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.

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 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 full-time occupational experience in the past ten years. This experience must be appropriate to the subject area to be taught.

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

- AutoDesk Certified Instructor (ACI)
- 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 does not meet all 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.

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 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 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 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 does not meet all 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.

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 five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year 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 five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year 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 five-year license. If the applicant does not meet all requirements, the applicant may be issued a three-year 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.

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 does not meet all 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.

Supplemental or “Add On” Endorsements

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

Persons meeting these 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 in education with a teacher license in one of the following:

<u>Endorsement</u>	<u>Subject Area/Major</u>
117	Elementary Education (4-8)
119	English (7-12)
154	Mathematics (7-12)
174	Remedial Reading (K-12)
177	English as a Second Language (K-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 does not meet all 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.

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 does not meet all 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.

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 #2: If the applicant meets all requirements listed above, that applicant will be issued a 911 endorsement—a five-year license. If the applicant does not meet all 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 does not meet all 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 does not meet all 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 Career Pathway Experience

This is an “add on” endorsement that may be earned only by persons who hold a currently valid secondary level occupational educator license.

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

990001 Career Pathway Experience

This endorsement requires the following:

1. Applicant must hold a currently valid secondary occupational Mississippi Educator License.
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 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 does not meet all 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 completed or be in the process of completing the National Board Teacher Certification process.
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 does not meet all 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: The applicant must have completed the National Board Teacher Certification process to receive a five – year 971 endorsement.

981 Information & Communications Technology I

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

A #981 endorsement allows a person to teach the following course:

000271 Information & Communications Technology I

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 demonstrate keyboarding skill with proper technique and with speed of a total of 30 net words per minute (minimum) using the touch method.
6. Applicant must successfully complete an ICT I 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 981 endorsement—a five-year license. If the applicant does not meet all 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.

982 Information & Communications Technology II

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

A #982 endorsement allows a person to teach the following course:

000272 Information & Communications Technology II

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 demonstrate keyboarding skill with proper technique and with speed of a total of 30 net words per minute (minimum) using the touch method.
6. Applicant must successfully complete an ICT II 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 982 endorsement—a five-year license. If the applicant does not meet all 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.

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

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

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

000273 Science, Technology, Engineering, and Mathematics Application

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 does not meet all 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.

984 Technology Foundations

This is an “add on” endorsement that may be earned only by persons who hold a currently valid Mississippi Educator five-year standard license.

A #984 endorsement allows a person to teach the following course:

992307 Technology Foundations **(this course replaces Computer Discovery course)**

This endorsement requires the following:

1. Currently valid Mississippi Educator License (Standard 5-year 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 successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education
4. Applicant must demonstrate keyboarding skill with proper technique with speed of a total of 30 net words per minute (minimum) using the touch method.
5. Applicant must successfully complete the Technology Foundations 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 984 endorsement—a five-year license. If the applicant does not meet all 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.

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	Non-Renewable
Class A Class AA Class AAA Class AAAA	REQUESTED BY VOCATIONAL INSTITUTION OF HIGHER EDUCATION/NON-TRADITIONAL ADULT VOCATIONAL EDUCATION ENTITY ONLY 1. Letter of request from the Vocational Institution of Higher Education/ Non-traditional Adult Vocational Education 2. Completed Postsecondary Interim Vocational Certification Licensure Application 3. Sealed Transcript(s) indicating educational attainment (High School Diploma, Associates, Bachelor's, Master's, Educational Specialist, or Doctoral Degree)	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.

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 #2: If the applicant meets all requirements listed above, that applicant will be issued a 911 endorsement—a five-year license. If the applicant does not meet all 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.

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.

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

