

OFFICE OF CHIEF OF RESEARCH AND DEVELOPMENT
Summary of State Board of Education Agenda Items
September 17, 2015

OFFICE OF EDUCATOR QUALITY

O. Approval to begin the Administrative Procedure Act process: To make the following changes to CTE endorsement codes as recommended by the Commission on Teacher and Administrator Education, Certification and Licensure and Development September 3, 2015 [Goal 4 – MDE Strategic Plan]

A. Modification of four endorsements from add-on endorsements to stand-alone endorsements. The codes are:

- 988 Career Pathway: Simulation & Animation Design & Development
- 991 Career Pathway: Horticulture
- 992 Career Pathway: Agriculture & Environmental Science and Technology

The curricula and courses for these programs of study are undergoing revisions and updates. Licensure requirements have been modified to align with programs of study revisions.

B. Approval of two new endorsement codes. The areas are:

- 930 Career Pathway: Furniture Design & Manufacturing
- 931 Career Pathway: Heavy Equipment Operation

The curricula and courses for these programs of study are undergoing revisions and updates. Licensure requirements have been modified to align with programs of study revisions. Primary changes for all applicants include: a) completion of an online learning certification and b) completion of required program of study certification.

C. Approval to make changes to these seven endorsement codes. The codes are:

- 301 Vocational Agriculture – Related Program
- 302 Agriculture
- 306 Aquaculture
- 349 Custodial Services
- 373 Small Gas Engines
- 948 Family & Consumer Sciences (non – education)
- 949 Family & Consumer Sciences (education)

Vocational Agriculture – Related Program (301), Aquaculture (306), Custodial Services (349), and Small Gas Engines (373) – Add a note that states if the applicant doesn't meet all requirements, the applicant should receive a three year provisional license.

Family & Consumer Sciences (948 & 949) – Under Item #1 Education, add additional degree options

Recommendation: Approval

Backup material: Attached

990 Career Pathway: Agricultural and Natural Resources (old)

~~This is an “add-on” endorsement that may be earned only by persons who hold a currently valid Mississippi Educator License with endorsement #301—Vocational Agriculture-Related Program or #302-Agriculture.~~

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

- 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

This endorsement requires the following:

- ~~1. Currently valid Mississippi Educator License with endorsement in Vocational Agriculture-Related Program #301 or Agriculture #302.~~
2. Complete and submit MDE licensure application form.
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 online learning workshop, module, or course that is approved by the Mississippi Department of Education
5. Applicant must successfully complete an Agriculture and Natural Resources Certification workshop, module, or course that is approved by the Mississippi Department of Education.
6. Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program ~~or the College and Career Readiness Educator Program (CCREP) program.~~ Applicant must complete the individualized professional development plan (PDP) requirements of the VIP ~~or CCREP program~~ prior to the expiration date of the three-year vocational license.

Note #1: If the applicant meets all requirements listed above, that applicant will be issued a 990 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 (new)

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

- 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 don't have to enroll in VIP).
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP program prior to the expiration date of the three-year career & technical license.
- Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
- Applicant must successfully complete the Agriculture and Natural Resources Certification workshop, module, or course that is approved by the Mississippi Department of Education.

Note #1: 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.

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

~~This is an “add-on” endorsement that may be earned only by persons who hold a currently valid Mississippi Educator License with endorsement #301—Vocational Agriculture-Related Program or #302-Agriculture.~~

A #992 endorsement allows a person to teach the following courses:

- 991000 Concepts of Agriculture
- 991001 Science of Agricultural Animals
- 991002 Science of Agricultural Environment
- 991003 Science of Agricultural Plants
- 991004 Science of Agricultural Mechanization

This endorsement requires the following:

- ~~1. Currently valid Mississippi Educator License with endorsement in Vocational Agriculture-Related Program #301 or Agriculture #302.~~
2. Complete and submit MDE licensure application form.
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 online learning workshop, module, or course that is approved by the Mississippi Department of Education
- ~~5. Enrollment in and completion of AEST training program, a 3 semester credit-hour course approved by MDE. The approved course is: AIS 6113—Methods of Teaching Agriscience which is offered at Mississippi State University.~~
6. Applicant must successfully complete an Agriculture Certification workshop, module, or course that is approved by the Mississippi Department of Education.
7. Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program ~~or the College and Career Readiness Educator Program (CCREP) program.~~ Applicant must complete the individualized professional development plan (PDP) requirements of the VIP ~~or CCREP program~~ prior to the expiration date of the three-year vocational license.

Note #1: If the applicant meets all requirements listed above, that applicant will be issued a 992 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.

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

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

- 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 don't have to enroll in VIP).
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP program prior to the expiration date of the three-year career & technical license.
- Applicant must successfully complete a Certification for online learning workshop, module, or course that is approved by the Mississippi Department of Education.
- Applicant must successfully complete the Agriculture Certification workshop, module, or course that is approved by the Mississippi Department of Education.

Note #1: 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.

988 Career Pathway: Simulation and Animation Design and Development

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

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

Minimum Requirements for this Endorsement:

1. Education

- Applicant must hold a four-year college degree (bachelor 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 ~~or the College and Career Readiness Educator Program (CCREP).~~ **(exception: those teachers that have a currently valid five year license or have completed an alternate route program don't have to enroll in VIP).**
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP ~~or CCREP~~ program prior to the expiration date of the three-year ~~vocational 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 #1: 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.

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 ~~vocational~~ career & technical license.

Note #1: 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:

~~010290 Agriculture Power & Equipment II to be deleted June 2015~~
029990 Agriscience, Introduction
010303 Aquaculture I
010306 Aquaculture II
~~010490 Food Products (Meats) II to be deleted June 2015~~
~~030490 Forestry II to be deleted June 2015~~

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

Minimum Requirements for this Endorsement:

1. Education

- ~~This endorsement requires the following education and related assessment(s) of that education:~~
- A bachelor degree in Agriculture Education to include student teaching.
 - Passing score on ~~PRAXIS II, Principles of Learning and Teaching~~. 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 #1: 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 don't have to enroll in VIP).**
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP program prior to the expiration date of the three-year ~~vocational~~ 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 #1: 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.

349 Custodial Services

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

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

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

Minimum Requirements for this Endorsement:**1. Education**

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

2. Technology Literacy and Related Assessment of that Competency

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

3. Occupational Experience and Related Assessment of that Experience

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

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

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

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

- Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program.
(Exception: those teachers that have a currently valid five year license or have completed an alternate route program don't have to enroll in VIP).
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP program prior to the expiration date of the three-year ~~vocational~~ 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 #1: 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.

373 Small Gas Engines

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

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

Minimum Requirements for this Endorsement:

1. Education

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

2. Technology Literacy and Related Assessment of that Competency

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

3. Occupational Experience and Related Assessment of that Experience

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

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

- Equipment and Engine Training Council Certification: Certified in 4-stroke, 2-stroke, and electrical OR
- Other teacher occupational competency assessment approved by MDE Office of Career and Technical Education.

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

- Applicant must enroll immediately in Vocational Instructor Preparation (VIP) program. **(Exception: those teachers that have a currently valid five year license or have completed an alternate route program don't have to enroll in VIP).**
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP program prior to the expiration date of the three-year ~~vocational~~ **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 #1: 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.

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. ~~The degree must be in subject area to be taught.~~

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 don't have to enroll in VIP).
- Applicant must complete the individualized professional development plan (PDP) requirements of the VIP program prior to the expiration date of the three-year ~~vocational~~ 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 [~~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~~].

Note #1: 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 II, Principles of Learning and Teaching~~ and passing score on ~~PRAXIS II, 0121 Home Economics/Family and Consumer Science~~. PRAXIS CORE and PRAXIS 5122, Family and Consumer Sciences. Or applicant with a valid educator license can earn a passing score on PRAXIS 5122, 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 #~~321~~ 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 [~~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~~].

Alternate Route Certification in Home Economics/Family & Consumer Science:

1. Bachelor's degree or higher
2. Passing score on PRAXIS ~~II, Principles of Learning and Teaching~~ CORE
Passing score on PRAXIS II, ~~Home Economics (0121)~~ Family & Consumer Sciences (5122)
(Contact ETS for testing)
3. Complete alternate route training: (choose one)
 - Master of Arts in Teaching

- Teach Mississippi Institute
 - MS Alternate Path to Quality Teachers
4. Apply for provisional alternative route license—must submit application, transcripts, test scores and documentation of training
 5. Complete one –year teaching internship
 6. Apply for five-year standard license—must submit application and documentation of internship

Note #1: 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.