

OFFICE OF QUALITY PROFESSIONALS AND SPECIAL SCHOOLS
Summary of State Board of Education Items
January 16-17, 2014

OFFICE OF EDUCATOR LICENSURE

- 22.B. Approval of request from Delta State University for a secondary mathematics supplemental endorsement program as recommended by the Commission on Teacher and Administrator Education, Certification and Licensure and Development

Background Information:

Recently, the Mississippi Department of Education (MDE) amended its licensure policy for obtaining a secondary mathematics supplemental endorsement from any 21 hours of mathematics coursework to the completion of an approved program of study.

Delta State University proposes to offer a secondary mathematics supplemental endorsement program in addition to its current initial certification programs. This program will provide the advanced content preparation in mathematics needed to teach mathematics at the secondary level. In addition, the program is in line with the approved recommendations of the Mississippi Association of Mathematics Teacher Educators (MAMTE).

The Commission on Teacher and Administrator Education, Certification and Licensure and Development approved the request on November 8, 2013.

Recommendation: Approval

Back-up material attached

EDUCATION PROGRAM APPROVAL FORM (M) MODIFYING AN EXISTING PROGRAM

Institution: DSU	Date Submitted: 10-03-2013
Institutional Contact: Dr. Cheryl Cummins	Contact's Phone: (662) 846-4405 Contact's Email: ccummins@deltastate.edu
Proposed Date of Implementation: Fall 2014	Proposal to Modify an Existing: <input checked="" type="checkbox"/> Initial Teacher Education Program <input type="checkbox"/> Advanced Education Program <input checked="" type="checkbox"/> Licensure Requirement

In addition to your current education program course outline/description, if applicable, you must include the following:

- an outline of the proposed program with clear indication of any proposed changes
- proposed course syllabi and course descriptions
- a list of faculty that will provide instruction for the proposed courses/program of study and faculty table that presents qualifications
- a list and copies of program outline for similar (or same) programs/courses of study at two or more IHLs (instate or out-of-state), or provide URLs if posted online
- documentation of MS IHL approval (if MS public institution)
- current professional association recognition
- any other documentation that further supports the rationale for the proposal

NOTE: Use the spaces below for a brief description; however, please attach a more detailed proposal, and/or the copy of the proposal submitted for IHL approval.

Briefly state your request: Delta State University would like to offer a **Secondary Mathematics Supplemental Endorsement** program in addition to our current initial certification programs. This program will provide the advanced content preparation in mathematics needed to teach mathematics at the secondary level. Because many teacher candidates wish to add an additional certification to their initial license, this program will ensure that those candidates seeking an add-on endorsement in mathematics will have knowledge of the necessary content in order to teach mathematics. The proposed program is in line with the recommendations made by the Mississippi Association of Mathematics Teacher Educators (MAMTE).

Briefly state your rationale: MDE recently amended its policy for obtaining a Secondary Mathematics Supplemental Endorsement from any 21 hours of mathematics coursework to the completion of an approved program of study. By completing a prescribed program of mathematics coursework, teachers will be better prepared to meet the higher expectations of the Common Core State Standards for Mathematics and to help the students in Mississippi schools to become college and career ready.

NOTE: Program approval requests must be submitted no later than January 15 for upcoming fall implementation, and by July 15 for upcoming spring implementation. Please allow up to six months for standard review procedures and final approval. After TAP approves a licensed degree program or a new licensure requirement, the new program or requirements will be subject to approval by the Licensure Commission on Teacher and Administrator Education, Certification and Licensure and Development and the State Board of Education before candidates are eligible for Mississippi Teacher Licensure.

E-mail this form to Gail Gettis at ggettis@mde.k12.ms.us or fax to 601-359-1728.

EDUCATION PROGRAM PROPOSAL REVIEW FORM (R)

Reviewer Name: #1 Reviewer Title/Position:	Reviewer Phone: _____ Reviewer Email: _____
Institution Submitting Proposal: Delta State University	Date Submitted: October 3, 2013
Proposed Date of Implementation: Fall 2013	Proposal to Implement a New Program or to Modify an Existing Teacher Education Program

The proposal material should include for your review, where applicable the following:

- a copy of the current program
- outline of the proposed program with clear indication of any proposed modifications
- proposed course descriptions and syllabi
- a list of faculty who will provide instruction for the proposed courses/program of study and their curriculum vitae
- a list and example of a program outline for similar (or same) programs/courses of study at one or more IHLs (instate or out-of-state), or provide URLs if posted online
- documentation of institution administrative approval and MS IHL approval (if MS public institution)
- current special program recognition where applicable
- any other documentation that further supports the rationale for the proposal

As a qualified education professional, your review should ensure the program utilizes current content that is infused with state (InTASC) standards and national professional association standards, and the program provides instruction for program candidates on the most recently adopted state curriculum frameworks or common core for subject areas when appropriate, or adheres to other applicable state content and instruction policy and guidelines.

Request: Approval to modify the current initial teacher education programs by adding a Secondary Mathematics supplemental with an approved 21 hour requirement.

Provide findings/comments/recommendations (if needed, please use additional space or provide an attachment):

- The requirement of passing the math content Praxis II exam is not necessary because just passing Praxis II will allow a student to add the math endorsement, therefore deeming the Program of Study unnecessary. **Recommendation: delete the Praxis II requirement.**
- The courses seem appropriate, however, there are pre-requisite courses listed (i.e. MAT 206) that are not described in your proposal, so we cannot evaluate whether students are likely to have had these pre-requisite courses. **Recommendation: provide courses titles with pre-requisite listings.**
- For the six-hour elective course options, it is repetitive to list MAT 322, MAT 405, MAT 415, and MAT 443 along with the statement "any other mathematics content courses at or above the 300+ level". **Recommendation: delete the statement "any other mathematics content courses at or above the 300+ level" and add MAT 425 and MAT 442 to the list with a note that courses can only be counted once toward the program of study.** This would mean that each individual student would be able to select the two elective courses from eight of the elective listings since they will take one of the nine as the Advanced Algebra course.

We ***recommend approval pending*** evidence of amendments to the proposal that address cited areas of concern (attached).

E-mail this form to ggettis@mde.k12.ms.us or acarter@mde.k12.ms.us or fax to 601-359-1728.

EDUCATION PROGRAM PROPOSAL REVIEW FORM (R)

Reviewer Name: #2 Reviewer Title/Position:	Reviewer Phone: Reviewer Email:
Institution Submitting Proposal: Delta State University	Date Submitted: October 3, 2013
Proposed Date of Implementation: Fall 2013	Proposal to Implement a New Program or to Modify an Existing Teacher Education Program

The proposal material should include for your review, where applicable the following:

- a copy of the current program
- outline of the proposed program with clear indication of any proposed modifications
- proposed course descriptions and syllabi
- a list of faculty who will provide instruction for the proposed courses/program of study and their curriculum vitae
- a list and example of a program outline for similar (or same) programs/courses of study at one or more IHLs (instate or out-of-state), or provide URLs if posted online
- documentation of institution administrative approval and MS IHL approval (if MS public institution)
- current special program recognition where applicable
- any other documentation that further supports the rationale for the proposal

As a qualified education professional, your review should ensure the program utilizes current content that is infused with state (InTASC) standards and national professional association standards, and the program provides instruction for program candidates on the most recently adopted state curriculum frameworks or common core for subject areas when appropriate, or adheres to other applicable state content and instruction policy and guidelines.

Request: Approval to modify the current initial teacher education programs by adding a Secondary Mathematics supplemental with an approved 21 hour requirement.

Provide findings/comments/recommendations *(if needed, please use additional space or provide an attachment)*:

SEE ATTACHED

I recommend approval of this proposal for submission to the Licensure Commission on Teacher and Administrator Education, Certification and Licensure and Development.

do not recommend approval of this proposal for submission to the Licensure Commission on Teacher and Administrator Education, Certification and Licensure and Development.

recommend approval pending evidence of amendments to the proposal that address cited areas of concern (attached).

The program submitted by Delta State University will provide a candidate with the needed mathematics content to teach high school mathematics as outlined by the Common Core State Standards. I would like to point out a couple of items that may want to be considered by the University personnel and the Licensure Commission.

1. The program offers MATH 322 (Differential Equations) as a option for an elective course. The a pre-requisite for this course is stated to be MATH 253 (Calculus III) which is also listed as an elective option. Is it intended that if a student chooses MATH 322, that their other elective option must be MATH 253?
2. The program requires 24 hours of mathematics coursework. This is 3 hours (one course) more than the recommendation from MAMTE (21 hours). I do not disagree with the additional hours, but just wanted to bring it to the proposers' attention.
3. The option of adding a supplemental endorsement by successfully passing the Praxis II assessment continues to be an option through the MDE. With that policy, I do not feel that the requiring a passing score on the Praxis II in addition to the 24 hours of mathematics is necessary. Potentially, it would prevent some students from completing the endorsement program if they could get the endorsement by only taking the assessment. I would recommend removing that requirement from the program, due to the current MDE policy.

Supplemental Endorsement Program for Mathematics at Delta State University

Supplemental Endorsement Program for Mathematics at Delta State University		
Hours	Course Type	DSU Course Number and Title
6	Calculus	MAT 251 (Calculus I) and MAT 252 (Calculus II)
3	Geometry	MAT 411 (Geometry)
3	Statistics	MAT 300 (Applied Probability and Statistical Methods)
3	An Advanced Algebra Course	MAT 425 (Modern Algebra) or MAT 442 (Linear Algebra)
3	Secondary Methods Course	CUR 487 (Teaching Secondary Mathematics)
6	Electives	Choose from: MAT 253 (Calculus III) MAT 254 (Calculus IV) MAT 322 (Differential Equations) MAT 405 (History of Mathematics) MAT 415 (Discrete Mathematics) MAT 443 (Linear Equations) or any other mathematics content course at the 300+ level
AND		
Passing score on the mathematics content Praxis II exam		