

OFFICE OF QUALITY PROFESSIONALS AND SPECIAL SCHOOLS
Summary of State Board of Education Items
February 14-15, 2013

OFFICE OF EDUCATOR LICENSURE

12. Approval of Proposal from Mississippi State University for Supplemental Endorsement Programs in CTE as recommended by the Commission on Teacher and Administrator Education, Certification and Licensure and Development

Background Information:

Mississippi State University (MSU) is requesting approval of new approved programs for the following Career Technical Education (CTE) licenses:

917 – Career Pathway Experience	952 – Career Pathway: Finance and Accounting
981 – ICT I	
982 – ICT II	955 – Career Pathway: Business Management
984 – Technology Foundations	956 – Career Pathway: Marketing
	193 – Economics
	111 – Computer Applications

The Department of Instructional Systems and Workforce Development at MSU revised two methods courses to prepare students for the new endorsements. These courses are (1) TKT 4183/6183 Methods of Teaching Career Pathway Experience and (2) TKT 4463/6436 Methods of Teaching Technology in the Middle School. Currently, a Career Technical earns endorsements 952, 955, 956, 193 and 111 by completing training at the Research and Curriculum Unit at MSU.

All internal and external reviewers approved the proposal. On November 2, 2012, the Commission on Teacher and Administrator Education, Certification and Licensure and Development (the Commission) approved the proposal for 917, 981, 982 and 984. On January 11, 2013, the Commission approved the proposal for 952, 955, 956, 193 and 111.

Recommendation: Approval

Back-up material attached

0608



EDUCATION PROGRAM APPROVAL REQUEST FORM

Institution: Mississippi State University

Date submitted to TAP: _____

Submitted by: Dr. Connie M. Forde

Commission approval date: _____

Contact phone or email: 662-325-7258

State Board approval date: _____

Proposed date of program implementation/modification: May 2013

Proposal request and support materials are provided for approval to implement:

New Program
 Modifications to Existing Program
 New Licensure Requirement

In addition to your current education program course list/description, you must provide, where applicable:

- 1) a copy of the proposed new program
- 2) the current program with clear indication of proposed modifications
- 3) any evidence of institutions (state, regional or national) with the same or a similar course of study
- 4) qualified faculty and vitae
- 5) syllabi for any new or modified courses within the proposed program
- 6) any other documentation that further supports the proposal

NOTE: Use the spaces below for a brief statement of your proposal request. Additional sheets may be attached that include a formal request and detailed proposal components.

Please state your specific request:

We request that the degree in Technology Teacher Education/Business Technology (TTE) concentration be approved as a modification with the added supplemental endorsements. Evidence of appropriate coursework follows.

- 917 Career Pathway Experience
- 981 Information Technology Communication I
- 982 Information Technology Communication II
- 984 Technology Foundations
- 952 Career Pathway: Finance and Accounting
- 955 Career Pathway: Business Management
- 956 Career Pathway: Marketing
- 193 Economics
- 111 Computer Applications

Briefly state your rationale:

The modification to the TTE degree is needed for the following reasons:

1. Changes in the Career and Technical Education (CTE) endorsements have affected the TTE degree and updates are needed to allow TTE graduates to pursue teaching positions in CTE. Specifically, the modification provides for the new endorsements in Information and Communication Technology I (981), Information and Communication Technology II (982), Technology Foundations (984), Career Pathway Experience (917) and the three business career pathways—Finance and Accounting (952), Business Management (955), and Marketing (956). Syllabi are attached that document content in these endorsement areas.
2. The requirements for the Master Teacher of Economics (MTE) will be provided to Technology Teacher Education/Business Technology majors through collaboration with the Mississippi Council on Economic Education and the Center for Economic Education and Financial Literacy at Mississippi State University. A letter of support from Selena Swartzfager, President of Mississippi Council on Economic Education is attached. TTE majors completing the MTE requirements would qualify for the 193 Economics endorsement.
3. We are also requesting a modification to the 111 Computer Applications supplemental endorsement to include TKT 4463 Methods of Teaching Technology in the Middle School as an alternate choice of one of the required courses. It seemed logical to include a methods course in middle school technology as one of the 111 course requirements. If this proposal is approved, the TTE major would also complete all requirements for the 111 endorsement to teach computer applications in their degree program.

Other Institutions with Similar Programs

Dr. Diane Fisher at the University of Southern Mississippi is the coordinator for their business teacher education degree. Dr. Connie Forde and Dr. Fisher have collaborated in the revision of the two business teacher education programs in the state. Dr. Fisher will also be proposing the same proposal for modification of her program.

NOTE: Program approval is subject to standard review procedures that involve several entities and, therefore, timelines for final approval may vary. After TAP approves the program proposal, it may then be subject to presentation for approval by the Licensure Commission on Teacher and Administrator Education, Certification and Licensure and Development and the State Board of Education before program candidates are eligible for Mississippi Teacher Licensure.

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

Explanation of Content Coverage of Supplemental Endorsements Proposed	
917 Career Pathway Experience	TKT 4183 Methods of Teaching Career Pathway Experience
981 Information and Communication Technology I 982 Information and Communication Technology II 984 Technology Fundamentals	TKT 4463 Methods of Teaching Technology in the Middle School (Includes IC3 examination and keyboarding proficiency examination) TKT 4213 Teaching Business Subjects (includes online learning module)
952 Career Pathway: Finance and Accounting 955 Career Pathway: Business Management 956 Career Pathway: Marketing	TKT 4153 Methods of Teaching Economics and Business Pathway Courses (includes methods of teaching the three frameworks and includes the Master Teacher in Economics requirements approved by the Mississippi Council on Economic Education and delivered by the Center for Economic Education and Financial Literacy (support letter attached). Upon completion of the MTE requirements, the TTE major will receive a certification from the Mississippi Council on Economic Education. TKT 4213 Teaching Business Subjects (includes online learning module)
193 Economics	TKT 4153 Methods of Teaching Economics and Business Pathway Courses (includes Master Teacher in Economics requirements approved by the Mississippi Council on Economic Education and delivered by the Center for Economic Education and Financial Literacy (support letter attached). Upon completion of the MTE requirements, the TTE major will receive a certification from the Mississippi Council on Economic Education.
111 Computer Applications	TKT 1273 Computer Applications (prerequisite for all technology courses and must be completed by TTE major) TKB 1123 Document Formatting/Information Processing TKB 4543 Advanced Information Processing TKB 4583 Graphics and Web Design TKT 4463 Methods of Teaching Technology in the Middle School (This course is included in the proposal for a modification to the 111 computer applications endorsement.) Note: TTE majors complete more than the required 12 hours

Comparison of Current TTE Degree and Proposed TTE Degree	
CURRENT TTE Degree	PROPOSED TTE Degree
<p>General Education Requirements English – 6 Hours (General Education) Fine Arts – 3 Hours (General Education) Math – 6 Hours (General Education) Natural Science with Lab – 6 Hours (General Education) Math/Science Elective – 3 Hours (General Education) Humanities – 6 Hours (EN Literature, HI US or World History (See General Education) Social/Behavioral Science – 6 Hours General Psychology Principles of Macroeconomics</p> <p>Writing Requirement Satisfied by successful completion of MGT 3213</p> <p>Oral Communication Requirement CO 1003—3 Hours (Oral Communication Requirement)</p> <p>Technology Teacher Education Major Core: EDF 3333 (Social Foundation of Education) 3 Hours EPY 3143 (Human Dev. & Learning Strat.) 3 Hours EDF 4243 (Plan for the Diverse Learner) 3 Hours EPY 3253 (Evaluating Learning) 3 Hours EDX 3213 (Psy. Of Except. Child & Youth) 3 Hours TKT 3001 (Practicum in Career/Tech Ed) 1 Hour EDS 4873 (Managing Secondary Class) 3 Hours TKT 4886 (Teaching Internship in TTE) 3 Hours TKT 4896 (Teaching Internship in TTE) 3 Hours</p> <p>Business Technology Content: ACC 2013 (Financial Accounting) 3 Hours ACC 2023 (Managerial Accounting) 3 Hours BL 2413 (Legal Env. Of Business) 3 Hours EC 2123 (Prin of Microeconomics) 3 Hours FIN 2003 (Personal Money Management (3 Hours) MGT 3213 Organizational Communications (also writing requirement) (3 Hours) MKT 3013 (Prin of Marketing) 3 Hours TKB 1123 (Doc Format/Info Processing) 3 Hours TKB 1312 (Information Resource Mgt) 2 Hours TKB 2122 (Intro to Database Mgt.) 2 Hours TKB 2132 (Intro Spreadsheet Des/Analysis) 2</p>	<p>General Education Requirements English – 6 Hours (General Education) Fine Arts – 3 Hours (General Education) Math – 6 Hours (General Education) Natural Science with Lab – 6 Hours (General Education) Math/Science Elective – 3 Hours (General Education) Humanities – 6 Hours (General Education)</p> <p>Social/Behavioral Science – 6 Hours General Psychology Principles of Macroeconomics</p> <p>Writing Requirement Satisfied by successful completion of MGT 3213</p> <p>Oral Communication Requirement CO 1003 or CO 1013—3 Hours (Oral Communication Requirement)</p> <p>Technology Teacher Education Major Core: EDF 3333 (Social Foundation of Education) 3 Hours EPY 3143 (Human Dev. & Learning Strat.) 3 Hours EDF 4243 (Plan for the Diverse Learner) 3 Hours EPY 3253 (Evaluating Learning) 3 Hours EDX 3213 (Psy. Of Except. Child & Youth) 3 Hours TKT 3003 (Practicum in Career/Tech Ed) 3 Hours EDS 4873 (Managing Secondary Class) or TKT 4873 (Professional Seminar in Vocational/Technical Ed.) 3 Hours TKT 4886 (Teaching Internship in TTE) 3 Hours TKT 4896 (Teaching Internship in TTE) 3 Hours</p> <p>Business and Technology Content: ACC 2013 (Financial Accounting) 3 Hours ACC 2023 (Managerial Accounting) 3 Hours BL 2413 (Legal Env. Of Business) or PHI 3013 (Business Ethics) 3 Hours EC 2123 (Prin of Microeconomics) 3 Hours MGT 3213 Organizational Communications (also writing requirement) 3 hours MKT 3013 (Prin of Marketing) 3 Hours TKB 1123 (Doc Format/Info Processing) 3 Hours TKB 2122 (Intro to Database Mgt.) 2 Hours TKB 2132 (Intro Spreadsheet Des/Analysis) 2 Hours TKB 3133 (Admin Management & Proc) 3 Hours</p>

<p>Hours TKB 3133 (Admin Management & Proc) 3 Hours TKB 4543 (Advanced Info Processing) 3 Hours TKB 4583 (Graphics and Web Design) 3 Hours or TKT 4563 (Intro to Data Networks) 3 Hours TKT 3173 (Teach Be. Skills Subject) 3 Hours TKT 4143 (His. & Phil. Career/Tech Ed.) 3 Hours TKT 4153 (Teaching Business Technology) 3 Hours TKT 4213 (Teach Basic Business Subj.) 3 Hours TKT 4743 (Electron. Desktop Publishing (3 Hours)</p>	<p>TKB 4543 (Advanced Info Processing) 3 Hours TKB 4583 (Graphics and Web Design) 3 Hours TKT 4563 (Intro to Data Networks) OR TKT 4743 Electronic Desktop Publishing or TKT 4763 Technology Tools for Teachers(3 Hours) TKT 4143 (His. & Phil. Career/Tech Ed.) 3 Hours <i>TKT 4153 (Methods of Teaching Economics and Business Pathway Courses) 3 Hours</i> TKT 4183 Methods of Careers Pathway Experience <i>TKT 4213 (Methods of Teaching Business Subjects) 3 Hours</i> TKT 4463 (Methods of Teaching Technology in Middle School) 3 Hours</p>
<p><i>Note: Additions are shown in bold and course modifications are shown in italics.</i></p>	



Mississippi Department of Education

Lynn J. House, Ph.D., Interim State Superintendent of Education

Office of Career and Technical Education •

Mike Mulvihill • Director • Compliance and Reporting • 601-359-3088 • FAX: 601-359-6619

TO: Cindy Coon, Director
Office of Educator Licensure

FROM: *MM*
Mike Mulvihill, Director
Office of Career and Technical Education

DATE: August 7, 2012

RE: **Course approval request from MSU**

Dr. Connie Forde, head of MSU Department of Instructional Systems and Workforce Development, has requested MDE to consider the implementation and delivery of courses designed to meet partial requirements for certain teacher licenses. The requests were sent to MDE Office of Educator Licensure and dated July 13, 2012.

TKT 4183/6183 Methods of Teaching Career Pathway Experience is being proposed as a teaching methods course to satisfy one of the requirements for educator license 917 Career Pathway Experience. Requirement #4 is: "Applicant must successfully complete the CPE certification workshop, module, or course that is approved by the Mississippi Department of Education." This course meets that requirement, and the Office of Career and Technical Education supports this request.

TKT 4463/6463 Methods of Teaching Technology in the Middle School is being proposed as a teaching methods course to satisfy the following requirements:

- 981 Information and Communication Technology I, requirement #6: "Applicant must successfully complete an ICT I certification workshop, module, or course that is approved by the MDE."
- 982 Information and Communication Technology II, requirement #6: "Applicant must successfully complete an ICT II certification workshop, module, or course that is approved by the MDE."
- 984 Technology Foundations, requirement #5: "Applicant must successfully complete the Technology Foundations certification workshop, module, or course that is approved by the MDE." This proposed course meets those requirements, and the Office of Career and Technical Education supports this request.



MISSISSIPPI STATE UNIVERSITY

DEPARTMENT OF INSTRUCTIONAL SYSTEMS AND WORKFORCE DEVELOPMENT

Box 9730

MISSISSIPPI STATE, MISSISSIPPI 39762-9730

TELEPHONE: 662-325-2281 FAX: 662-325-7599

July 13, 2012

Ms. Cindy Coon
Office of Licensure
Mississippi Department of Education
P.O. Box 771
Jackson, MS 39205-0771

Dear Ms. Coon:

Subject: Request to Approve TKT 4183/6183 Methods of Teaching Career Pathway Experience for 917 "Add on" Endorsement

As coordinator of the Technology Teacher Education program at Mississippi State University and department head for the Department of Instructional Systems and Workforce Development, I am requesting that the newly revised methods course TKT 4183/6183 Methods of Teaching Career Pathway Experience be accepted as a methods course required for the "add on" endorsement for 917 Career Pathway Experience. The attached syllabus shows that the methods course includes learning objectives related to the curricular content of the career pathway experience framework and prepares teachers to teach the course.

For many years, our department has been pleased to offer TKT 4183/6183 Coordination of Part-Time Education for the 317 cooperative education endorsement. During the past year, we have revised the content TKT 4183/6183 to teach the career pathway experience course. This upcoming fall 2012 semester, we are offering the modified TKT 4183/6183 Methods of Teaching Career Pathway Experience and therefore are seeking approval for this course to serve as the approved methods course required for the 917 Career Pathway Experience endorsement.

Should you have questions, please call me at 662-325-7258. We are very excited about offering this endorsement opportunity for our Mississippi teachers, and I look forward to receiving your approval of this course.

Sincerely,

Dr. Connie M. Forde
Professor/Department Head

Attachment: Course Syllabus for TKT 4183/6183 Methods of Teaching Career Pathway Experience

c Ms. Jean Massey
Dr. Mike Mulvihill
Dr. Teresa Jayroe
Dr. Jim Adams



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FAX: 662-325-7599

July 13, 2012

Ms. Cindy Coon
Office of Licensure
Mississippi Department of Education
P.O. Box 771
Jackson, MS 39205-0771

Dear Ms. Coon:

Subject: Request to Approve TKT 4463/6436 Methods of Teaching Technology in the Middle School as Methods Course for 981, 982 and 984 "Add on" Endorsements

As coordinator of the Technology Teacher Education program at Mississippi State University and department head for the Department of Instructional Systems and Workforce Development, I am requesting that the newly revised methods course TKT 4463/6463 Teaching Technology in the Middle School be accepted as a methods course required for the "add on" endorsement for 981 Information and Communication Technology I, 982 Information and Communication Technology II, and 984 Technology Foundations. The attached syllabus shows that the methods course includes learning objectives related to the curricular content of the three technology frameworks (ICT I, ICT II, and Technology Foundations), pedagogy for middle school students, relevant instructional strategies related to technology, IC² preparation, keyboarding proficiency examination, and appropriate formative and summative assessments.

For the past few years, our department has offered TKT 4463/6463 Methods of ICT I for the 981 methods course with documented keyboarding proficiency and TKT 4863/6863 Methods of ICT II for the 982 methods course with documented keyboarding proficiency. During the past year, we have revised TKT 4463/6463 to include ICT I, ICT II, and Technology Foundations. This upcoming fall 2012 semester, we are offering the *modified* TKT 4463/6463 Teaching Technology in the Middle School that combines ICT I, ICT II, and Technology Foundations and therefore are seeking approval for this course to serve as the approved methods course required for endorsement in these areas.

Upon completion of the course, the student will have completed:

1. the middle school technology methods course (documented by MSU transcript)

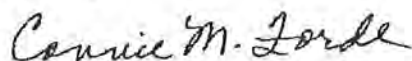
Ms. Cindy Coon
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2. a keyboarding proficiency test (documented by keyboarding proficiency certificate signed by course instructor that verifies the minimum 30 net words per minute using the touch methods as required by the endorsement)
3. the IC³ exam certificate (documented by certificate with passing scores).

In the event that the student does not pass the keyboarding proficiency (30 net words per minute) or pass the IC³ exam, the instructor will not present certificates for the student to attach to the endorsement application. Absence of the certificates will alert the Office of Licensure that these requirements have not been met.

Should you have questions, please call me at 662-325-7258. We are very excited about offering this endorsement opportunity for our Mississippi teachers, and I look forward to receiving your approval of this course.

Sincerely,



Dr. Connie M. Forde
Professor/Department Head

Attachment: Course Syllabus for TKT 4463/6463 Methods of Teaching Technology
in the Middle School

- c Ms. Jean Massey
- Dr. Mike Mulvihill
- Dr. Teresa Jayroe