

TTU Curriculum Committee

Tennessee Technological University

The University Curriculum Committee met March 25, 2010 at 3:00 p.m. in the Deans Conference Room, Derryberry Hall.

Members Present

Dr. Jack Armistead

Dr. Curtis Armstrong

Dr. Rita Barnes

Dr. Jeff Boles

Dr. Dan Combs

Ms. Edith Duvier

Dr. Kurt Eisen

Dr. David Elizandro

Dr. Ahmed Elsayy

Dr. Dan Fesler

Dr. Billye Foster

Ms. Julie Galloway

Dr. Bobby Hodum

Dr. David Huddleston

Dr. Sharon Huo

Dr. Pat Jordan

Dr. Homer Kemp

Mr. Ted LaBar

Dr. Roy Loutzeheiser

Ms. Beth Mannle

Dr. Allan Mills

Ms. Deanna Nipp-Kientz

Dr. Larry Peach

Dr. James Raymondo

Dr. Jeff Roberts

Ms. Beth Rogers

Dr. Paul Semmes

Dr. Matt Smith

Dr. Barry Stein

Dr. Doug Talbert

Ms. Janet Whiteaker

Ms. Jerri Winningham

Ms. Ashley Wisekal

Mr. Matthew Bedford

Mr. Nick Reed

Members Absent

Dr. Pedro Arce

Dr. Pat Bagley

MAJ Scott Dickey

Mr. Ward Doubet

Dr. Susan Elkins

Dr. Mike Harrison

Dr. Darrell Hoy

Dr. James Jordan-Wagner

Dr. Mark Stephens

Dr. Francis Otuonye

Dr. Shelia Green

Dr. Stephen Robinson

Official Representatives

Dr. Melinda Anderson for Dr. Bailey

Dr. Magdalena Rappl for Dr. Laurila

Dr. Charles Carnal for Dr. Parke

Guests

Dr. Halina Ablamowicz

Dr. Colleen Hays

Dr. Helen Dainty

Ms. Denise Hensley

Dr. Laura Graves

SUMMARY OF PROCEEDINGS

- I. Approval of agenda as revised
- II. Approval of February 18, minutes
- III. Approval of deletion of Industrial Systems Engineering Program
- IV. Approval of curriculum changes from the Department of Music and Art
- V. Approval of course addition from the Department of Biology
- VI. Approval of course and curriculum changes from the Department of Mathematics
- VII. Approval of course addition and curriculum changes from the Department of English and Communications
- VIII. Approval of course addition, deletion, and change from the Department of Electrical and Computer Engineering
- IX. Approval of course addition and curriculum change from the Department of Computer Science
- X. Approval of course addition from the Department of Decision Sciences and Management
- XI. Approval of course changes from the Department of Curriculum and Instruction
- XII. Approval of course prefix change from the Department of Foreign Languages
- XIII. Approval of curriculum changes from the School of Human Ecology
- XIV. Approval of course additions from the School of Agriculture
- XV. Approval of Agritourism concentration from the School of Agriculture
- XVI. Election of 2010-2011 Chairperson

I. Approval of Agenda as Revised

Dr. Loutzenheiser requested the deletion of WCB Curriculum Changes under item #10 and EXPW Curriculum Change under item #14.

Motion. Dr. Boles moved to approve the agenda as revised. The motion was seconded by Dr. Stein and carried.

II. Approval of February 18 Minutes

Motion. Dr. Stein moved to approve the February 18 minutes as submitted. The motion was seconded by Dr. Smith and carried.

III. Approval of the Deletion of the Industrial Systems Engineering Program

In a memorandum dated March 8, 2010, approval was requested for the following:

Deletion:

The Bachelor of Science Degree in Industrial Engineering

Motion. Dr. Kemp moved to approve the deletion effective June 30, 2010. The motion was seconded by Dr. Huo and carried.

IV. Approval of Curriculum Changes from the Department of Music and Art

In a memorandum dated March 15, 2010, approval was requested for the following:

Changes:

From:	Freshman Year:	MUS 1031	1 Cr.
	Junior Year:	MUS 1041 or 1051	1 Cr.
		MUS 1042 or 1052	1 Cr.
	Senior Year:	MUS 1042 or 1052	1 Cr.
		MUS 1071	1 Cr.
To:	Freshman Year:	Instrument Class	1 Cr.
	Junior Year:	Instrument Class	2 Cr.
	Senior Year:	Instrument Class	2 Cr.

Footnote:

³Instrument classes, 5 hours. Take MUS 1031, 1041, and 1051, plus two from: 1032 (string students), 1042 (brass and percussion students), 1052 (woodwind and percussion students), 1071 (woodwind, brass, strings, piano and guitar students) or 1081 (piano and guitar students)

Motion. Mr. LaBar moved to approve the changes effective Fall 2010. The motion was seconded by Ms. Mannle and carried.

V. Approval of Course Addition from the Department of Biology

In a memorandum dated March 2, 2010, approval was requested for the following:

Addition:

BIOL 2000 Biological Terminology Lec. 1, Cr. 1

Prerequisite: None. An introduction to biological terminology, including zoological, botanical, ecological, and medical terminology, with an emphasis on developing proficiency with the use of word roots and derivations.

Motion. Dr. Combs moved to approve the addition effective Fall 2010. The motion was seconded by Dr. Semmes and carried.

VI. Approval of Course and Curriculum Changes from the Department of Mathematics

In a memorandum dated March 8, 2010, approval was requested for the following:

Course Changes:

From:

MATH 3510-3520 Modern Algebra I-II Lec. 3-3, Cr. 3-3

Prerequisite: MATH 3510-- "C" or better in MATH 2010 or equivalent, and "C" or better in MATH 3400; MATH 3520--"C" or better in MATH 3510

To:

MATH 4010-4020 Modern Algebra I-II Lec. 3-3, Cr. 3-3

Prerequisite: MATH 4010-- "C" or better in MATH 2010 or equivalent, and "C" or better in MATH 3400; MATH 4020-- "C" or better in MATH 4010

Curriculum Changes:

A. Delete the foreign language requirement (currently 6 hours in a single language)

B. Change the science requirement

From: BIOL 1110-1120; or CHEM 1110-1120; or PHYS 2110-2111-2120-2121

BIOL 1010-1020; or BIOL 1110-1120; or CHEM 1010-1020; or CHEM 1110-

To: 1120; or PHYS 2110-2111-2120-2121; or GEOL 1040-1045; or ASTR 1010-1020

C. Include MATH 3430 (College Geometry) and MATH 4310 (Introduction to Topology) as an approved upper-division sequence in pure mathematics.

D. Include MATH 4850-4860 (Computational Algebraic Geometry) as an approved upper-division sequence in pure mathematics.

E. Delete the statement in the requirements for the degree that students not completing MATH 4470-4480 must complete MATH 4120.

F. In the requirements for the major replace the requirement of MATH 3070, 3470, or 4470 with the requirement that MATH 4470 is taken.

Motion. Dr. Mills moved to approve the changes effective Fall 2010. The motion was seconded by Dr. Elsayy.

Representing Dr. Laurila, Dr. Hays voiced the Foreign Language Department's concern and opposition to the deletion of the foreign language requirement. After a brief discussion a vote was taken and the motion carried.

VII. Approval of Course Additions and Curriculum Changes from the Department of English and Communications

In a memorandum dated March 16, 2010, approval was requested for the following:

Course Additions:

SPCH 2800 Interviewing Lec. 3, Cr. 3

This course introduces students to the interpersonal communication aspects of the interviewing process. Students will learn the various types of interviews and their purpose. Students will plan and prepare interviews from the roles of the interviewee and interviewer.

SPCH 2000 Communication Practices in Organizations Lec. 3, Cr. 3

This course introduces students to the theories and practices of communication within the work place. It covers various communication settings including interviewing, presentations, group work, meetings, and email.

SPCH 4550 Contemporary American Public Address Lec. 3, Cr. 3

This course covers public oratory from WWII to the present. Students will read some major speeches that marked important social and political events and will examine the speeches' influence on public belief and action.

Curriculum Changes:

A. In the sophomore year add new SPCH 2000 in place of SPCH 3130.
Move SPCH 3130 to junior year in place of PSY 3300.

B. In the sophomore year add new SPCH 2800 in place of SPCH 3000.
Move SPCH 3000 to junior year in place of PSY 3410.

C. In the senior year add new SPCH 4550 in place of SPCH 4600.

Motion. Dr. Kemp moved to approve the additions and changes effective Fall 2010. The motion was seconded by Dr. Combs and carried.

VIII. Approval of Course Addition, Deletion, and Change from the Department of Electrical and Computer Engineering

In a memorandum dated March 4, 2010, approval was requested for the following:

Course Addition:

ECE 4510 Electromagnetic Fields II Lec. 3, Cr. 3

Prerequisite: ECE 3510. Polarization, Poynting's vector, transmission lines, waveguides, and radiation.

Course Deletion:

ECE 3520 Electromagnetic Fields II Lec. 3, Cr. 3

Course Changes:

From:

ECE 3010 Signals and Systems Lec. 3, Cr. 3

Prerequisites: ECE 2020 and MATH 2120. Signal representation, applications of Fourier series, Fourier transform, Laplace transform and Z-transform in the analysis of circuits and systems.

To:

ECE 3010 Signals and Systems Lec. 3, Cr. 3

Prerequisites: ECE 2020 and MATH 2120. Time-domain and frequency-domain analysis of signals and systems, applications of Fourier series, Fourier transform, and Laplace transform in circuits and systems; Analog filters.

Motion. Dr. Carnal, representing Dr. Parke, moved to approve the addition, deletion, and change effective Fall 2010. The motion was seconded by Dr. Huo and carried.

IX. Approval of Course Addition and Curriculum Change from the Department of Computer Science

In a memorandum dated March 9, 2010, approval was requested for the following:

Course Addition:

CSC 2101 Problem Solving & Computer Programming Lab. Lab. 1, Cr. 1

Prerequisites: None. Co-requisites: CSC 2100. A series of weekly laboratory exercises for developing proficiency in problem solving and computer programming.

Curriculum Change:

Add CSC 2101 as a requirement to curricula for both the CSSC concentrations and the CSIT concentration.

Motion. Dr. Talbert moved to approve the addition and change effective Fall 2010. The motion was seconded by Dr. Elizandro and carried.

X. Approval of Course Addition from the Department of Decision Sciences and Management

In a memorandum dated March 17, 2010, approval was requested for the following:

Course Addition:

BMGT 4150 Employment and Labor Law Lec. 3, Cr. 3

Prerequisite: BMGT 3630. An overview of legal issues affecting the employment relationship in business, from a managerial perspective.

Motion. Dr. Armstrong moved to approve the addition effective Fall 2010. The motion was seconded by Dr. Talbert and carried.

XI. Approval of Course Changes from the Department of Curriculum and Instruction

In three memorandums dated March 17, 2010, approval was requested for the following:

Memo 1

From:

SPED 4030 Applied Behavior Analysis for Teachers Lec. 3, Cr. 3

Corequisite: SPED 3811

To:

SPED 4030 Applied Behavior Analysis for Teachers Lec. 3, Cr. 3

Memo 2

From:

SPED 4320 (5320) Assessment Procedures in SPED Lec. 3, Cr. 3

Prerequisite: Full admission to the second level. Corequisite: SPED 3810.

To:

SPED 4320 (5320) Assessment Procedures in SPED Lec. 3, Cr. 3

Prerequisite: Full admission to the second level, SPED 2010 and SPED 2040

Memo 3

From:

SPED 2040 Special Education Procedures & Methods Lec. 3, Cr. 3

Prerequisite: SPED 2010 or consent of instructor. Corequisite: SPED 2821.

To:

SPED 2040 Special Education Procedures & Methods Lec. 3, Cr. 3

Prerequisite: SPED 2010 or consent of instructor

Motion. Dr. Smith moved to approve the changes effective Fall 2010. The motion was seconded by Dr. Jordan and carried.

XII. Approval of Prefix Change from the Department of Foreign Languages

In a memorandum dated March 18, 2010, approval was requested for the following:

Change prefix for the following courses:

From:

WCB 4980 (Practicum)

Prerequisite: Junior or senior standing; consent of advisor. Semester-long, practical experience with international trade or commerce. Credit assigned by advisor and monitored by the WCB Executive Committee.

To:
IBC 4980 Practicum

Prerequisite: Junior or senior standing; consent of advisor. Semester-long, practical experience with international trade or commerce. Credit assigned by advisor and monitored by the IBC Executive Committee.

From:
WCB 4990 International Experience

WCB 4990 develops students' understanding and knowledge of business practices in a foreign nation(s). Topics covered include social and cultural differences, national and regional political forces that influence business practices, and the internal economic environment and its impact on marketing, finance, organizational structure, and operations of business in the host country (countries).

To:
IBC 4990 International Experience

IBC 4990 develops students' understanding and knowledge of business practices in a foreign nation(s). Topics covered include social and cultural differences, national and regional political forces that influence business practices, and the internal economic environment and its impact on marketing, finance, organizational structure, and operations of business in the host country (countries).

Motion. Dr. Rappl, representing Dr. Laurila, moved to approve the prefix changes effective Summer 2010. The motion was seconded by Dr. Roberts and carried.

XIII. Approval of Curriculum Changes from the School of Human Ecology

In a memorandum dated March 16, 2010, approval was requested for the following:

Curriculum Change:

Child Development and Family Relations Concentration

From:

Electives: 9 credit hours

To:

Electives 10 credit hours

EFFECTIVE: 2009/10 ONLY

From:

Electives: 10 credit hours

To:
Electives: 9 credit hours

EFFECTIVE: 2010/11 Catalog

Motion. Dr. Anderson, representing Dr. Bailey, moved to approve the changes. The motion was seconded by Dr. Foster and carried.

XIV. Approval of Course Additions and Concentration in Agritourism

Two memorandums dated March 16, 2010 and TBR Guideline Form A-010 were submitted for approval.

Course Additions:

Memo 1

AGBE 1120 Introduction to Agritourism Lec. 3, Cr. 3

Agritourism has become a tool that has a direct economic impact on farms and surrounding communities. As Middle Tennessee and the Cumberland Region continue to embrace tourism with the desire to maintain traditional lifestyles, this course will delve into ways to blend the best of agriculture, their heritage and the tourism industry. This course will lay the ground work for the Agritourism concentration. Open both to majors and non-majors.

Memo 2

AGBE 3020 Agriculture & Heritage Based Tourism Lec. 3, Cr. 3

In order to understand the connection between agricultural traditions and heritage based tourism, one must understand the importance of resource strategies critical to the preservation and conservation of unique environmental and historical settings. This course will review the historical image of agriculturists and their connection to the land and how this connection ties to heritage based tourism. The course will delve into a variety of topics and methods to increase the importance of this new role awareness.

TBR Guideline A-010 Form for a New Concentration

FORM - COVER (Required for All Proposals)

Please refer to TBR Policy 2:01:01:00 , TBR Guideline A-010, and THEC Policy A1:0 and A1:1 before developing this proposal. A letter of intent must be submitted for any proposal requiring both TBR and THEC approval as the first step, before a proposal is developed. Approval to proceed with the development of a proposal will be provided in writing to the President before a proposal is submitted to TBR for consideration.

Sponsoring Institution(s): Tennessee Tech University

Proposal: Adding a concentration to the School of Agriculture

Degree Designation [or] Type of Certificate:

B. S. in Agriculture
Formal Degree Abbreviation Title of Proposed Program to be established or impacted

Concentrations:
(if applicable)

Agritourism

Delivery Site(s): South Hall, Tennessee Tech Campus
Shipleigh Farm, 3 miles north of Tech Campus
Waters Farm, 10 miles south of Tech Campus
Oakley Farm, 24 miles northeast of Tech Campus

Proposed CIP Codes: 03.0207 Natural Resource Recreation and Tourism
01.0102 Agribusiness/Agricultural Business Management

Proposed Implementation Date: Fall semester 2010

Cooperative Partners: School of Agriculture Faculty & Staff; Tennessee AgriTourism Association; Tennessee Department of Agriculture

For more information contact: Billye Foster, Director/(931) 732-3012

Name

Telephone

Institutional Approval: _____/_____

Signature of President

Date

NOTE: Complete set of TBR forms for Agritourism concentration on file in office of Associate Vice President for Academic Affairs.

There was discussion concerning some of the courses selected for the major field core and the general education core. After some suggested revisions to the curriculum were made, Dr. Loutzenheiser recommended that the concept of the new concentration be approved, thereby, allowing the curriculum to be revised at a later date.

Motion. Dr. Foster moved to approve the two new courses and the concept of the Agritourism Concentration. The motion was seconded by Dr. Eisen and carried.

Election of 2010-2011 Chairperson

Dr. Talbert, representing the nomination committee comprised of himself, Dr. Bailey and Dr. Isbell, presented the nomination of Dr. Raymondo for the 2010-11 chairperson.

Motion. Dr. Talbert moved to cease nominations and elect Dr. Raymondo by acclamation. The motion was seconded by Ms. Galloway and carried.

The meeting adjourned at 4:10.

This page maintained by [Lorrie McCracken](#)

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