

University Curriculum Committee

March 17, 2016

The University Curriculum Committee met on Thursday, March 17 at 3:00 p.m. in the Deans' Conference Room, DBRY 200.

Members present:

Dr. Melinda Anderson	Dr. Darrell Hoy
Dr. Curtis Armstrong	Dr. Allan Mills
Dr. Julie Baker	Dr. Thomas Payne
Dr. Rita Barnes	Dr. Richard Rand
Dr. Doug Bates	Dr. James Raymondo
Dr. Alice Camuti	Dr. Thomas Riley
Dr. Kristine Craven	Dr. Joe Roberts
Mr. Ward Doubet	Dr. Steve Robinson
Ms. Edith Duvier	Dr. Mark Stephens
Dr. Kurt Eisen	Dr. Ann Thurmond
Dr. Mark Groundland	Dr. Huey-Ming Tzeng
Dr. Bobby Hodum	Dr. Jeremy Wendt
Dr. Sharon Huo	Dr. Janet Whiteaker
Dr. Steve Isbell	Dr. Ken Wiant
Dr. Wayne Johnson	Dr. Brenda Wilson
Dr. Christy Killman	Ms. Jerri Winningham
Dr. Robert Kissell	Mr. Wolfgang Bronner

Members absent:

Dr. Pedro Arce	Dr. Liz Mullens
Dr. Ahmed Elsayy	Dr. Paul Semmes
Dr. Steve Frye	Dr. Jennifer Shank
Ms. Julie Galloway	Mr. Daniel Tribble
Dr. Bahman Ghorashi	Mr. Aaron Wallis
Ms. Brandi Hill	Mr. Chase Womble
Dr. Hayden Mattingly	Mr. Trevor Jones
LTC Stephen Peterson	Mr. Elijah Fetzer
Dr. Joseph Rencis	Ms. Kellie Collins

Official representatives:

Dr. David Crouse for Dr. Boles	Dr. Elizabeth Propes for Dr. Jeff Roberts
Dr. Evan Hart for Dr. Harrison	Dr. Zachary Wilcox for Dr. Stein
Dr. Jane Liu for Dr. Mohr	Dr. Linda Null for Dr. Pelton
Dr. Chris Wilson for Dr. Rao	

Guests:

Ms. Denise Burgess	Dr. Julie Longmire
Mr. Jackson Chambers	Ms. Cari Williams
Ms. Amy Jared	

SUMMARY OF PROCEEDINGS

1. Approval of agenda as revised
2. Approval of February 11, 2016 minutes
3. Approval of course and curriculum changes from the Department of Curriculum & Instruction
4. Approval of course change from the Department of Counseling & Psychology
5. Approval of course changes from the Department of Music
6. Approval of course addition, changes, deletions and curriculum changes from the Department of Exercise Science, Physical Education and Wellness
7. Approval of course changes from the Department of Earth Sciences
8. Approval of course addition and curriculum change from the Department of Communication
9. Approval of course changes from the Department of Mathematics
10. Approval of course additions, changes and curriculum changes (BSME) from the Department of Mechanical Engineering
11. Approval of course additions, changes and curriculum changes (BSME Mechatronics) from the Department of Mechanical Engineering
12. Approval of name change from the College of Engineering
13. Approval of course addition and change from the Department of Civil & Environmental Engineering
14. Approval of course and curriculum change from the Department of Electrical and Computer Engineering
15. Approval of course additions, changes and curriculum changes from the Department of Manufacturing and Engineering Technology
16. Approval of curriculum change from the Department of History
17. Approval of course deletion, changes, curriculum changes and creation of minor from the Department of Chemistry
18. Approval of curriculum changes from the School of Art, Craft and Design
19. Approval of course deletion and changes from the Department of English
20. Approval of course additions from the School of Agriculture
21. Approval of curriculum changes from the Director for international Business and Cultures
22. Approval of course addition and change from the Department of Decision Sciences and Management
23. Approval of course addition, deletion, changes and curriculum changes from the School of Interdisciplinary Studies
24. Approval of course and curriculum changes from the School of Professional Studies
25. Approval of course addition, deletions, changes and curriculum changes from the School of Human Ecology
26. Approval of creation of lower division and upper division Dietetics options from the School of Human Ecology
27. Approval of catalog statement for the Provisional Certified Family Life Educator (CFLE) designation from the School of Human Ecology
28. Approval of concentration name change form from the Department of Sociology and Political Science
29. Approval of course name change from the Learning Support Program
30. Approval of Residence Statement for undergraduate catalog – Policy 260
31. Approval of Academic Minor Requirements
32. Election of 2016-17 chairperson
33. Other Such Matters
UNIV 1020 – Linda Null

PROCEEDINGS

Approval of Agenda as Revised

Dr. Mills requested the following revision to the agenda:

Add Professional Studies memo to #23

Withdraw #22 Environmental & Sustainability Studies memo

Add to other such matters: Sociology & POLS memo; Learning Support Program memo;

Academic Minor Requirement report; Residence Requirement Report; Linda Null (UNIV 1020 info)

Motion. Dr. Robinson moved to approve the agenda as revised. The motion was seconded by Dr. Joe Robert and carried.

Approval of February 11, 2016 Minutes

Motion. Dr. Johnson moved to approve the minutes as submitted. The motion was seconded by Dr. Barnes and carried.

Approval of Course Deletions and Changes from the Department of Curriculum and Instruction

In a memorandum dated February 9, 2016, approval was requested for the following:

Course Deletions:

LSCI 4500(5500). Children's Literature. Lec. 3. Credit 3.

LSCI 4800(5800). Library Practicum Credit 2

READ 4310(5310). Reading-Writing Assessment and Intervention Strategies K-8. Lec. 2. Credit 2.

SPED 3040. Evaluation and Assessment for Content Specific Areas for Children with Special Needs.

Lec. 3. Credit 3.

SPED 3810. Practicum: Assessment Procedures in Special Education. Lab. 3. Credit 1.

SPED 3811. Practicum: Applied Behavior Analysis. Lab. 3. Credit 1.

SPED 4130(5130). Methods for Teaching Persons with Mild and Moderate Disabilities.

Lec. 3. Credit 3.

SPED 4320(5320). Assessment Procedures in SPED. Lec. 3. Credit 3.

SPED 4340(5340). Systematic Instruction of Persons with Comprehensive Disabilities.

Lec. 3. Credit 3.

SPED 4820. Practicum: Teaching Persons with Mild and Moderate Disabilities. Lec.3. Credit 2.

SPED 4821. Practicum in Systematic Instruction. Lab. 3. Credit 2.

Course Change:

From:

CFS 2400. Children with Special Needs Lec. 3. Credit 3.

Cross-listing: ECSP 2400

Corequisite: CFS 2410. Knowledge of risk factors, developmental delay, and categories of disability.

Understanding of special education and its emphasis on prevention, early intervention, and services in normal environments.

To:

CFS 2400. Children with Special Needs Lec. 3. Credit 3.

Cross-listing: ECSP 2400

Knowledge of risk factors, developmental delay, and categories of disability. Understanding of special education and its emphasis on prevention, early intervention, and services in normal environments.

Practicum embedded into course.

Delete: Delete Corequisite: CFS 2410.

Add: Practicum embedded into course.

From:

CFS 2410. Practicum: Young Children with Special Needs Lab.4. Credit 1.

Cross-listing: ECSP 2410

Corequisite: CFS 2400. Supervised participation in service delivery settings.

To:

CFS 2410. Practicum: Young Children with Special Needs Lab.4. Credit 1.

Cross-listing: ECSP 2410

Supervised participation in service delivery settings.

Delete: Delete Corequisite: CFS 2400.

From:

CUED 4400 (5400). Teaching Methods for Physical Science Lec. 3. Credit 3.

Prerequisite: Consent of advisor and advanced graduate standing. This course focuses on teaching methods associated with the physical sciences of physics and chemistry. Students will experience and learn the theories behind inquiry, modeling, and other appropriate classroom instructional methods for physics and chemistry topics. Methods and topics will cover grades K-12 with a strong emphasis on conceptual understanding and vertically-aligned standards-based instruction.

To:

CUED 4400 (5400). Teaching Methods for Physical Science Lec. 3. Credit 3.

This course focuses on teaching methods associated with the physical sciences of physics and chemistry. Students will experience and learn the theories behind inquiry, modeling, and other appropriate classroom instructional methods for physics and chemistry topics. Methods and topics will cover grades K-12 with a strong emphasis on conceptual understanding and vertically-aligned standards-based instruction.

Delete: Remove "Prerequisite: This course focuses on teaching methods associated with the physical sciences of physics and chemistry. "

Add: Add "(5400)" to title. Class is already listed in graduate catalog.

Change: Correct spelling of "appropriate" in second sentence.

From:

ECED 3211. Practicum: Procedures for Infants, Toddlers & Preschoolers Lab.8. Credit 1.

Cross-listing: ECSP 3211

Prerequisite: HEC 2200, CFS 2400, or the equivalents; full admission to the Teacher Education Program.

Corequisite: ECED 3001, ECED 3200 or ECSP 3200. Supervised teaching and intervening with infants,

toddlers, and preschoolers and their families in varied educational settings. A minimum grade of B is required to meet degree requirements.

To:

ECED 3211. Practicum: Procedures for Infants, Toddlers & Preschoolers Lab.1. Credit 1.

Cross-listing: ECSP 3211

Prerequisite: HEC 2200, CFS 2400, or the equivalents; full admission to the Teacher Education Program.

Corequisite: ECED 3001. Supervised teaching and intervening with infants, toddlers, and preschoolers and their families in varied educational settings. A minimum grade of B is required to meet degree requirements.

Delete: Remove ECED 3200 or ECSP 3200 from corequisite.

Change: there was typo on Lab credit, it should be 1.

From:

ECED 4230(5230). Early Intervention I Lec. 3. Credit 3.

Prerequisite: CFS 2400, CFS 2410. Methods of service delivery for infants and toddlers with developmental delays and their families. Effective consultation, trans-disciplinary collaboration, service coordination, family centeredness, and culturally responsive practices.

To:

ECED 4230(5230). Early Intervention I Lec. 3. Credit 3.

Prerequisite: CFS 2400. Methods of service delivery for infants and toddlers with developmental delays and their families. Effective consultation, trans-disciplinary collaboration, service coordination, family centeredness, and culturally responsive practices.

Delete: Delete Prerequisite: CFS 2410.

From:

ECED 4260. Early Childhood Program Leadership, Administration, & Assessment

Lec. 8. Credit 8.

Prerequisite: CFS 2400, CFS 2410. Course content focuses on early childhood leadership skills, administration, and assessment. Participants gain knowledge and skills in the planning, implementation, and evaluation of early childhood programs. In addition, assessment of administrator knowledge, skills, and experience will be conducted.

To:

ECED 4260. Early Childhood Program Leadership, Administration, & Assessment Lec. 8. Credit 8.

Prerequisite: CFS 2400. Course content focuses on early childhood leadership skills, administration, and assessment. Participants gain knowledge and skills in the planning, implementation, and evaluation of early childhood programs. In addition, assessment of administrator knowledge, skills, and experience will be conducted.

Delete: Delete Prerequisite: CFS 2410.

From:

ECED 4290(5290). Community Connections Lec. 3. Credit 3.

Prerequisite: CFS 2400, CFS 2410. Survey of community resources for families and young children, with an emphasis on federal, state and local programs.

To:

ECED 4290(5290). Community Connections Lec. 3. Credit 3.

Prerequisite: CFS 2400. Survey of community resources for families and young children, with an emphasis on federal, state and local programs.

Delete: Delete Prerequisite: CFS 2410.

From:

ECED 4300(5300). Assessment of Young Children Lec. 3. Credit 3.

Cross-listing: ECSP 4300(5300)

Prerequisite: CFS 2400, CFS 2410, or consent of instructor. Theories, principles, and practices associated with child find, assessment, and evaluation of young children, their families, and their environments.

To:

ECED 4300(5300). Assessment of Young Children Lec. 3. Credit 3.

Cross-listing: ECSP 4300(5300)

Prerequisite: Full admission to the Teacher Education Program; CFS 2400, or consent of instructor. Theories, principles, and practices associated with child find, assessment, and evaluation of young children, their families, and their environments.

Delete: Delete Prerequisite: CFS 2410.

Add: Full admission to the Teacher Education Program to the prerequisite requirement.

From:

ECSP 2400. Children with Special Needs Lec. 3. Credit 3.

Cross-listing: CFS 2400

Corequisite: ECSP 2410. Knowledge of risk factors, developmental delay, and categories of disability.

Understanding of special education and its emphasis on prevention, early intervention, and services in normal environments.

To:

ECSP 2400. Children with Special Needs Lec. 3. Credit 3.

Cross-listing: CFS 2400

Knowledge of risk factors, developmental delay, and categories of disability. Understanding of special education and its emphasis on prevention, early intervention, and services in normal environments.

Practicum embedded into course.

Delete: Delete Corequisite: ECSP 2410.

Add: Practicum embedded into course.

From:

ECSP 2410. Practicum: Children with Special Needs Lab.4. Credit 1.

Cross-listing: CFS 2410

Corequisite: ECSP 2400. Supervised participation in service delivery settings.

To:

ECSP 2410. Practicum: Children with Special Needs Lab.4. Credit 1.

Cross-listing: CFS 2410

Supervised participation in service delivery settings.

Delete: Delete Corequisite: ECSP 2400.

From:

ECSP 3211. Practicum: Procedures for Infants, Toddlers & Preschoolers Lab.1. Credit 1.

Cross-listing: ECED 3211

Prerequisite: HEC 2200, CFS 2400 or the equivalents, and Full admission to the Teacher Education Program. Corequisite: ECSP 3001, ECSP 3200 or ECED 3200. Supervised teaching and intervening with infants, toddlers, and preschoolers and their families in varied educational settings. A minimum grade of B is required to meet degree requirements.

To:

ECSP 3211. Practicum: Procedures for Infants, Toddlers & Preschoolers Lab.1. Credit 1.

Cross-listing: ECED 3211

Prerequisite: HEC 2200, CFS 2400 or the equivalents, and Full admission to the Teacher Education Program. Corequisite: ECSP 3001. Supervised teaching and intervening with infants, toddlers, and preschoolers and their families in varied educational settings. A minimum grade of B is required to meet degree requirements.

Delete: Remove ECSP 3200 or ECED 3200 from corequisite.

From:

ECSP 4300(5300). Assessment of Young Children Lec .3. Credit 3.

Cross-listing: ECED 4300(5300)

Prerequisite: Full admission to the Teacher Education Program, CFS 2400, CFS 2410, or consent of instructor. Theories, principles and practices associated with child find, assessment, and evaluation of young children, their families, and their environments.

To:

ECSP 4300(5300). Assessment of Young Children Lec .3. Credit 3.

Cross-listing: ECED 4300(5300)

Prerequisite: Full admission to the Teacher Education Program; CFS 2400 or consent of instructor. Theories, principles and practices associated with child find, assessment, and evaluation of young children, their families, and their environments.

Add: Add semicolon after Program in prerequisite.

Delete: Remove CFS 2410 for prerequisite list.

From:

READ 3313. Literacy for Special Populations Lec. 5. Credit 5.

Prerequisite: FOED 3810 and full admission to the Teacher Education Program. This course is an integration of concepts fundamental to the development of literacy from birth through middle grades. It includes a study of language development and communication skills, language arts, content area reading, and the assessment and selection of appropriate instructional strategies based upon student need.

To:

READ 3313. Literacy for Special Populations Lec. 5. Credit 5.

Prerequisite: Full admission to the Teacher Education Program. Corequisite: FOED 3810. This course is an integration of the five main components of reading plus writing which are fundamental to the development of literacy from birth through middle grades. It includes a study of language development and communication skills, language arts, content area reading, and the assessment and selection of appropriate instructional strategies based upon student need.

Change: Correct FOED 3810 to be a corequisite instead of prerequisite. Change first sentence to "This course is an integration of the five main components of reading plus writing which are fundamental to the development of literacy from birth through middle grades.

From:

SEED 4120 (5120). Materials and Methods of Teaching English Lec. 3. Credit 3.

Prerequisite: Full admission to the Teacher Education Program; READ 4411 (5411); and SPCH 2410. Corequisite: FOED 3820. Prerequisite or corequisite: Any two of the following: ENGL 3810, ENGL 3820, ENGL 3910, or ENGL 3920; and READ 3350. Principles, objectives, techniques, and evaluation in secondary school teaching of English.

To:

SEED 4120 (5120). Materials and Methods of Teaching English Lec. 3. Credit 3.

Prerequisite: Full admission to the Teacher Education Program; READ 4411 (5411); and SPCH 2410 or PC 2500. Corequisite: FOED 3820. Prerequisite or corequisite: Any two of the following: ENGL 3810, ENGL 3820, ENGL 3910, or ENGL 3920; and READ 3350. Principles, objectives, techniques, and evaluation in secondary school teaching of English.

Add: Add prerequisite of "or PC 2500" to go with the SPCH component.

From:

SPED 4100. Collaboration and Inclusive Practice Lec. 3. Credit 3.

Prerequisite: SPED 2010, SPED 4050 (5050), full admission to Teacher Education Program. Corequisite: Residency I. This course is designed so candidates can gain research-based and practical knowledge of inclusion, collaboration, and co-teaching. It is designed for the special educator who will be working in resource or inclusive settings in the local education agency.

To:

SPED 4100. Collaboration and Inclusive Practice

Lec. 3. Credit 3.

Prerequisite: SPED 2010, SPED 3050, and full admission to Teacher Education Program. Corequisite: Residency I. This course is designed so candidates can gain research-based and practical knowledge of inclusion, collaboration, and co-teaching. It is designed for the special educator who will be working in resource or inclusive settings in the local education agency.

Delete: Remove SPED 4050(5050) from prerequisite.

Add: Add SPED 3050 to prerequisite list.

From:

SEED 4121 (5121). Materials and Methods of Teaching Career Technical Education

Lec. 3. Credit 3.

Prerequisite: The prerequisite to all upper division education courses is full admission to the Teacher Education Program. Principles, objectives, techniques, and evaluation in secondary school teaching of industrial education.

To:

SEED 4121 (5121). Materials and Methods of Teaching Career Technical Education

Lec. 3. Credit 3.

Principles, objectives, techniques, and evaluation in secondary school teaching of career technical education.

Delete: Prerequisite: The prerequisite to all upper division education courses is full admission to the Teacher Education Program.

Change: "industrial education" to "career technical education"

Motion. Dr. Wendt moved to approve the changes effective Fall 2016. The motion was seconded and carried.

Approval of Curriculum Changes from the Department of Curriculum and Instruction

In a memorandum dated February 9, 2016, approval was requested for the following:

Addition:

ECED/Early Childhood/Special Education, Pre-K-3

Add: ESLP 4100 (5100) ESL Methodology and Materials for PK-12 Credit 3

(Added to Junior year)

ECED/Non-Licensure

ESLP 4100 (5100) ESL Methodology and Materials for PK-12 Credit 3

(Added to Junior year)

Deletion:

ECED/Early Childhood/Special Education, Pre K-3

Delete: HEC 2060 Family System Credit 2

CFS 2410 Practicum: Young Children with Special Needs Credit 1

ECED/Early Childhood, Non-Licensure

Delete: HEC 2060 The Family System Credit 2

CFS 2410 Practicum: Young Children with Special Needs Credit 1

Change:

ECED/Early Childhood/Special Education, Pre K-3

From:

HEC 3520 Parent Ed. And Child Guidance Credit 2

MUS 1074 Music to Meet Exceptional Education Needs Credit 1

*listed under Junior year

To:

HEC 3520 Parent Ed. And Child Guidance Credit 2

MUS 1074 Music to Meet Exceptional Education Needs Credit 1

*change to be listed under Sophomore year

ECED/Early Childhood, Non-Licensure

From:

HEC 3520 Parent Ed. and Child Guidance Credit 2

MUS 1074 Music to Meet Exceptional Education Needs Credit 1

*listed under Junior year

To:

HEC 3520 Parent Ed. and Child Guidance Credit 2

MUS 1074 Music to Meet Exceptional Education Needs Credit 1

*change to be listed under Sophomore year

From:

FOED 3010 Integrating Instructional Technology into the Classroom Credit 3

*listed under Senior year

To:

FOED 3010 Integrating Instructional Technology into the Classroom Credit 3

*changed to be listed under Junior year

MDS/General concentration

From:

EXPW 2130 Concepts of Comp. Health Credit 3 **OR**

EXPW 2430 First Aid, Safety and CPR Credit 2 **OR**

EXPW 3510 Physical Ed. Skills in Grades K-8 Credit 3

To:

EXPW 2130 Concepts of Comp. Health Credit 3 **OR**

EXPW 2430 First Aid, Safety and CPR Credit 2 **OR**

MDS/Middle School Social Studies 6-8

From:

FOED 3800 Field Experiences in Education Credit 1-3 Two credit hours required

To:

FOED 3820 Field Experiences in Education Credit 1-2 Two credit hours required

MDS/Elementary Education

From:

HEC 2200 Development of Young Children: Conception to Age 9 Credit 3

To:

HEC 3500 Development: Middle Childhood/Adolescence Credit 3

SPED/SE Interventionist Math, 6-12

From:

AGBE 2010 World Food and Society Credit 3 **OR**

ANTH 1100 Intro. to Anthropology Credit 3 **OR**

ECON 2010 Principles of Microeconomics Credit 3 **OR**

GEOG 1120 Human Geography Credit 3 **OR**

GEOG 1130 Geography of Natural Hazards Credit 3 **OR**

POLS 1000 American Government Credit 3 **OR**

PSY 2010 General Psychology Credit 3 **OR**

SOC 1010 Introduction to Sociology Credit 3

To:

Social/Behavioral Science Elective (Gen Ed) Credit 3

*Freshman Year

From:

ANTH 1100 Intro. to Anthropology Credit 3 **OR**

ECON 2010 Principles of Microeconomics Credit 3 **OR**

GEOG 1120 Human Geography Credit 3 **OR**

POLS 1000 American Government Credit 3 **OR**

PSY 2010 General Psychology Credit 3 **OR**

SOC 1010 Introduction to Sociology Credit 3

To:

Social/Behavioral Science Elective (Gen Ed) Credit 3

*Sophomore Year

SPED/SE Interventionist Social Studies/History, 6-12

From:

HIST 4730 (5730) Modern Middle East Credit 3 **OR**

HIST 4740 (5740) History of Japan Credit 3 **OR**

HIST 4750 (5750) History of China Credit 3 **OR**

HIST 4760 (5760) Vietnam: Its Wars & Their Aftermath Credit 3 **OR**

HIST 4790-4799 (5790) Latin American Studies Credit 3

To:

HIST 4710 History of Africa Credit 3 **OR**
HIST 4730 (5730 Modern Middle East Credit 3 **OR**
HIST 4740 (5740) History of Japan Credit 3 **OR**
HIST 4750 (5750) History of China Credit 3 **OR**
HIST 4760 (5760 Vietnam: Its Wars & Their Aftermath Credit 3 **OR**
HIST 4790-4799 (5790) Latin American Studies Credit 3

SPED/Comprehensive Program

From:

HEC 2200 Development of Young Children: Conception to Age 9 Credit 3

To:

HEC 3500 Development: Middle Childhood/Adolescence Credit 3

From:

SPCH 2410 Introduction to Speech Communication **OR**
PC 2500 Communicating in the Professions
*listed under Sophomore year
SPED 2010 Introduction to Special Education
*listed under Junior year

To:

SPCH 2410 Introduction to Speech Communication **OR**
PC 2500 Communicating in the Professions
*listed under Junior year
SPED 2010 Introduction to Special Education
*listed under Sophomore year

SPED/Non-Licensure

From:

HEC 2200 Development of Young Children: Conception to Age 9 Credit 3

To:

HEC 2200 Development of Young Children: Conception to Age 9 Credit 3 **OR**
HEC 3500 Development: Middle Childhood/Adolescence Credit 3

SPED/SE Interventionist K-8

From:

HEC 2200 Development of Young Children: Conception to Age 9 Credit 3

To:

HEC 3500 Development: Middle Childhood/Adolescence Credit 3

Dr. Wendt requested that under the Multidisciplinary Studies, General Concentration , B.S., under the Sophomore year, to strike "EXPW 3510 Physical Ed. Skills in Grades K-8".

Motion. Dr. Wendt move to approve the changes effective Fall 2016. The motion was seconded by Dr. Baker and carried.

Approval of Course Change from the Department of Counseling and Psychology

In a memorandum dated February 11, 2016, approval was requested for the following:

Course Change:

From:

EDPY 3300 Evaluation and Guidance Lec. 3, Credit 3

Prerequisite: Full admission to the second level. Major types of evaluation procedures, construction of evaluation instruments, and functions of the classroom teacher in evaluation.

To:

EDPY 3300 Evaluation and Guidance Lec. 3, Credit 3

Major types of evaluation procedures, construction of evaluative instruments, and functions of the classroom teacher in evaluation.

Motion. Dr. Baker move to approve the change effective Fall 2016. The motion was seconded by Dr. Anderson and carried.

Approval of Course Changes from the Department of Music

In a memorandum dated February 15, 2016, approval was requested for the following:

Course Changes:

From:

MUED 3110. Materials and Methods in Music, Grades K-5 Lec. 3. Lab. 1. Credit 3.

Prerequisite: Admission to Teacher Education Program, Praxis I exam and MUS 1024. This course will explore materials, methods and techniques used in teaching general music to children in grades Kindergarten through five. Public school field experience required.

To:

MUED 3110. Materials and Methods in Music, Grades K-5 Lec. 3. Lab.1. Credit 3

Prerequisite: Full Admission to the Teacher Education Program and MUS 1024. This course will explore materials, methods and techniques used in teaching general music to children in grades Kindergarten through five. Public school field experience required.

Delete: Delete "Praxis I exam"

Add: Add "Full" Admission to the Teacher Education Program,

From:

MUED 3130. Materials and Methods in Instrumental Music, Grades 6-12 Lec. 3. Lab 1. Credit 3

Prerequisite: Admission to Teacher Education Program and MUS 1024. Intended for the instrumental music education major, this course will explore a variety of materials, methods and techniques which can be used to build and maintain successful school band and orchestra programs. Public school field experience required.

To:

MUED 3130. Materials and Methods in Instrumental Music, Grades 6-12 Lec. 3. Lab 1. Credit 3

Prerequisite: Full Admission to the Teacher Education Program and MUS 1024. Intended for the instrumental music education major, this course will explore a variety of materials, methods and techniques which can be used to build and maintain successful school band and orchestra programs. Public school field experience required.

Add: Add "Full" to "Admission to the Teacher Education Program"

From:

MUED 3140. Materials and Methods in Vocal Music, Grades 6-12 Lec. 3. Lab 1. Credit 3

Prerequisite: Admission to Teacher Education Program and MUS 1024. Intended for the vocal/general music education major, this course is directed towards developing a working knowledge of teaching strategies necessary for successful choral/general music programs. Public school field experience required.

To:

MUED 3140. Materials and Methods in Vocal Music, Grades 6-12 Lec. 3. Lab 1. Credit 3

Prerequisite: Full Admission to the Teacher Education Program and MUS 1024. Intended for the vocal/general music education major, this course is directed towards developing a working knowledge of teaching strategies necessary for successful choral/general music programs. Public school field experience required.

Add: Add "Full" to "Admission to the Teacher Education Program"

From:

MUED 3230. Marching Band Techniques Fall. Lec. 2. Lab Arr. Credit 2

Prerequisite: MUS 1024, MUS 2130, MUS 2140, and Harmony/AT Exam; MUED 1820 with a grade of B; and pass Praxis I exam. Group and individual drill maneuvers; music selection and arranging; and designing and charting for effective outdoor performances.

To:

MUED 3230. Marching Band Techniques Fall. Lec. 2. Lab Arr. Credit 2

Prerequisite: Full Admission to the Teacher Education Program, MUS 1024, MUS 2130, MUS 2140, and Harmony/AT Exam; MUED 1820 with a grade of B. Group and individual drill maneuvers; music selection and arranging; and designing and charting for effective outdoor performances.

Delete: Delete "and pass Praxis I exam."

Add: Add "Full Admission to Teacher Education Program."

From:

MUED 3810. Practicum in Music Education I Credit 1

Corequisite: MUS 1024, MUS 2130, MUS 2140, and Harmony/AT Exam; MUED 1820 with a grade of B; and pass Praxis I exam. Supervised work experiences in the public schools stressing the translation of theory into practice.

To:

MUED 3810. Practicum in Music Education I Credit 1

Corequisite: MUS 1024, MUS 2130, MUS 2140, and Harmony/AT Exam; MUED 1820 with a grade of B; and Full Admission to the Teacher Education Program. Supervised work experiences in the public schools stressing the translation of theory into practice.

Delete: Delete “and pass Praxis I exam.”

Add: Add “Full Admission to the Teacher Education Program.”

From:

MUED 3830. Practicum in Music Education II, Instrumental Credit 1

Prerequisite: MUS 1024, MUS 2130, MUS 2140, and Harmony/AT Exam; MUED 1820 with a grade of B; pass Praxis I exam; and MUED 3620. Corequisite: MUED 3130. Instrumental music education majors will have the opportunity to translate theory into practice through guided work experiences in the public schools.

To:

MUED 3830. Practicum in Music Education II, Instrumental Credit 1

Prerequisite: Full Admission to the Teacher Education Program, MUS 1024, MUS 2130, MUS 2140, and Harmony/AT Exam; MUED 1820 with a grade of B; and MUED 3620. Corequisite: MUED 3130. Instrumental music education majors will have the opportunity to translate theory into practice through guided work experiences in the public schools.

Delete: Delete “pass Praxis I exam;”

Add: Add “Full Admission to the Teacher Education Program,”

From:

MUED 3840. Practicum in Music Education II, Vocal Credit 1

Prerequisite: MUS 1024, MUS 2130, MUS 2140, and Harmony/AT Exam; MUED 1820 with a grade of B; pass Praxis I exam; and MUED 3620. Corequisite: MUED 3140. Intended for the vocal/general music education major, this course provides the student with practical teaching experience in secondary choral/general music classes.

To:

MUED 3840. Practicum in Music Education II, Vocal Credit 1

Prerequisite: Full Admission to the Teacher Education Program, MUS 1024, MUS 2130, MUS 2140, and Harmony/AT Exam; MUED 1820 with a grade of B; and MUED 3620. Corequisite: MUED 3140. Intended for the vocal/general music education major, this course provides the student with practical teaching experience in secondary choral/general music classes.

Delete: Delete “pass Praxis I exam;”

Add: Add “Full Admission to the Teacher Education Program,”

From:

MUED 4870. Student Teaching in Music I Credit 5

Prerequisite: Pass PRAXIS II Examination. Corequisite: MUED 4880 and MUED 4890. Activities directly related to teaching performance; planning and presenting lessons, directing study, and managing the classroom and rehearsal.

A grade of B is required to meet degree requirements.

To:

MUED 4870. Student Teaching in Music I Credit 5

Prerequisite: Full Admission to the Teacher Education Program. Corequisite: MUED 4880 and MUED 4890. Activities directly related to teaching performance; planning and presenting lessons, directing study, and managing the classroom and rehearsal.

A grade of B is required to meet degree requirements.

Delete: Delete "Pass PRAXIS II Examination."

Add: Add "Full Admission to the Teacher Education Program."

From:

MUED 4871. Residency I Credit 5

Corequisite: MUED 4872. Performance based clinical experience in authentic settings involving planning appropriate instruction based on student's needs, creating a positive learning environment, communicating and collaborating with colleagues and others, effectively assessing student learning and reflecting on practice.

A grade of B is required to meet degree requirements.

To:

MUED 4871. Residency I Credit 5

Prerequisite: Full Admission to the Teacher Education Program. Corequisite: MUED 4872. Performance based clinical experience in authentic settings involving planning appropriate instruction based on student's needs, creating a positive learning environment, communicating and collaborating with colleagues and others, effectively assessing student learning and reflecting on practice.

A grade of B is required to meet degree requirements.

Add: Add "Prerequisite: Full Admission to the Teacher Education Program."

From:

MUED 4872. Professional Seminar I Credit 5

Corequisite: MUED 4871. Seminar for residency I candidates to develop curriculum, identify effective instructional strategies, and implement appropriate assessment methods to support and meet the needs of all learners.

To:

MUED 4872. Professional Seminar I Credit 5

Prerequisite: Full Admission to the Teacher Education Program. Corequisite: MUED 4871. Seminar for residency I candidates to develop curriculum, identify effective instructional strategies, and implement appropriate assessment methods to support and meet the needs of all learners.

Add: Add "Prerequisite: Full Admission to the Teacher Education Program."

From:

MUED 4880. Student Teaching in Music II Credit 5

Prerequisite: Pass PRAXIS II Examination. Corequisite: MUED 4870 and MUED 4890. Study of personal-professional characteristics, human relations skills, and educational philosophy in teaching.

To:

MUED 4880. Student Teaching in Music II Credit 5

Prerequisite: Full Admission to the Teacher Education Program. Corequisite: MUED 4870 and MUED 4890. Study of personal-professional characteristics, human relations skills, and educational philosophy in teaching.

Delete: Delete "Pass PRAXIS II Examination."

Add: Add "Full Admission to the Teacher Education Program."

From:

MUED 4881. Residency II Credit 10

Prerequisite: MUED 4871 with a grade of B. Corequisite: MUED 4882. Performance based full time clinical experience in authentic settings involving planning appropriate instruction based on student's needs, demonstrating effective instructional strategies, creating a positive learning environment, communicating and collaborating with colleagues and others, effectively assessing student learning and reflecting on practice.

To:

MUED 4881. Residency II Credit 10

Prerequisite: Full Admission to the Teacher Education Program. MUED 4871 with a grade of B. Corequisite: MUED 4882. Performance based full time clinical experience in authentic settings involving planning appropriate instruction based on student's needs, demonstrating effective instructional strategies, creating a positive learning environment, communicating and collaborating with colleagues and others, effectively assessing student learning and reflecting on practice.

Add: Add "Full Admission to the Teacher Education Program."

From:

MUED 4882. Professional Seminar II Credit 2

Corequisite: MUED 4881. Seminar for residency II candidates supporting professional development in areas of planning, assessment, instruction, classroom management, communication and reflection.

To:

MUED 4882. Professional Seminar II Credit 2

Prerequisite: Full Admission to the Teacher Education Program. Corequisite: MUED 4881. Seminar for residency II candidates supporting professional development in areas of planning, assessment, instruction, classroom management, communication and reflection.

Add: Add "Prerequisite: Full Admission to the Teacher Education Program."

From:

MUED 4890. Seminar: Education and Society Credit 2

Corequisite: MUED 4870 and MUED 4890. Seminar on issues related to the interrelationships among school, culture, and society; a historical, philosophical, and sociological analysis.

To:

MUED 4890. Seminar: Education and Society Credit 2

Prerequisite: Full Admission to the Teacher Education Program. Corequisite: MUED 4870 and MUED 4890. Seminar on issues related to the interrelationships among school, culture, and society; a historical, philosophical, and sociological analysis.

Add: Add "Prerequisite: Full Admission to the Teacher Education Program."

From:

MUS 3530. Music Applications Lec. 3. Credit 3

Prerequisite: Admission to the Teacher Education Program. Course content is directed toward the music education needs of prospective elementary classroom teachers.

To:

MUS 3530. Music Applications Lec. 3. Credit 3

Prerequisite: Full Admission to the Teacher Education Program. Course content is directed toward the music education needs of prospective elementary classroom teachers.

Add: Add "Full" Admission to the Teacher Education Program.

Motion. Ms. Thurman moved to approve the course changes effective Fall 2016. The motion was seconded by Dr. Eisen and carried.

Approval of Course Addition from the Department of Exercise Science, Physical Education and Wellness

In a memorandum dated February 11, 2016, approval was requested for the following:

Course Addition:

PHED ~~0800~~ 1002 Physical Fitness Test

This is a 0 credit course that will not affect your GPA. However, this course is intended to ensure quality participation in the required yearly fitness test. All EXPW majors are required to take this test once per academic year. The 6 aspects of physical fitness will be evaluated. These aspects are cardiovascular endurance, muscular power, muscular endurance, muscular strength, flexibility, and body composition.

(Repeatable up to 5 times – once per academic year for undergraduate students)

In discussion of the use of the 0800 designation, it was agreed that a 1000 level course number, that is not currently being use, could replace the "0800" number.

NOTE: The course number agreed to be used is "1002."

Motion. Dr. Killman moved to approve the course addition, using a 1000 level course number, effective Spring 2016. The motion was seconded and carried.

Approval of Curriculum and Course Changes from the Department of Exercise Sciences, Physical Education and Wellness

In a memorandums dated January 10 and March 3, 2016, approval was requested for the following:

Curriculum Changes: (memo dated Jan. 10, 2016)

Pre-OT

Add:

BIOL 1105 – Foundations of Biology Lec. 3. Lab. 2. Cr. 4

ANTH/ SOC 1100 – Introduction to Anthropology Lec. 3. Cr. 3

SOCI 1120 – Introduction to Cultural Anthropology Lec. 3. Cr. 3

Delete:

BIOL 2110 – General Botany Lec. 3. Lab. 2. Cr. 4

Pre-PT

Add:

BIOL 1105 – Foundations of Biology Lec. 3. Lab. 2. Cr. 4

Delete:

BIOL 2110 – General Botany Lec. 3. Lab. 2. Cr. 4

EXPW 2130 – Concepts of Comprehensive Health Lec. 3. Cr. 3.

Change:

FROM:

Junior Year
Electives Credit 8

TO:

Junior Year
Electives Credit 11

Course Changes (memo dated March 3, 2016)

PHED Course Descriptions:

PHED 0900 – Conditioning and Agility Credit 1.

~~Physical conditioning with focus on aerobic training.~~

This course is designed for people interested in learning the importance of athletic conditioning and agility. Focus is on improving cardiovascular health, coordination, and explosive skills involved in athletics, every day activity, and overall health.

PHED 1000 – Modified Seasonal Sports Credit 1.

~~For students with physical limitations. Students are enrolled in this course on advice of their physicians or serve as peer tutors to other students.~~

This course is designed for students to learn and understand modifications that are available for an assortment of sporting activities. Students will learn to modify equipment and design rules and regulations that meet the needs of individuals with physical or mental disabilities.

PHED 1010 – Tennis

Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for students to learn how to play the game of tennis. Basic strokes of tennis will be covered, including forehand, backhand, and the serve. Court dimensions and markings as well as singles and doubles rules of game play will be included. Upon completion of this class, students should feel confident in their skills to participate in recreational tennis.

PHED 1020 – Swimming

Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for non-swimmer or beginning swimmers to develop skills of swimming. Swimming pool/water safety will be addressed and students will learn to float and execute swim strokes including but not limited to the front crawl, back crawl and elementary backstroke.

PHED 1021 – Intermediate Swimming

Credit 1.

~~NO DESCRIPTION LISTED~~

This course is for students with moderate to advanced swimming skills. Advanced swim strokes will be taught and students will participate in endurance swimming.

PHED 1030 – Bowling

Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for students who have no prior knowledge of bowling to gain the necessary skills needed to successfully participate in bowling. Students will learn proper techniques, bowling etiquettes and score keeping. After completing this course students should have a clear understanding of bowling.

PHED 1031 – Advanced Bowling

Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for students who have a basic knowledge of bowling and builds on the skills learned in PHED 1030. Advanced bowling includes a brief review of proper form, different techniques and etiquette. Students will become competent in these skills in class and outside of the classroom.

PHED 1040 – Archery

Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for people looking for a place to learn about and potentially begin the hobby of archery. This is an off-campus course, which focuses on the history, safety, variations of bows, variations of arrows, and skills associated with beginning archery.

PHED 1050 – Basketball for Women

Credit 1.

~~NO DESCRIPTION LISTED~~

This course introduces the fundamental skills of basketball for women. Emphasis is placed on skill development, rules and fair play. Dribbling, passing, shooting and offensive and defensive strategies are among skills that will be focused on throughout the duration of the class. The main goal of the class is to strive for improvement in every aspect of the game of basketball.

PHED 1070 – Volleyball Credit 1.
~~NO DESCRIPTION LISTED~~

This course is designed to help students learn to play the game of volleyball using the proper technique, strategies and scoring. Students will demonstrate the skills of passing, setting and serving, as well as the knowledge of rotations of the players and each position's responsibilities, and how to keep score.

PHED 1080 – Racquetball and Handball Credit 1.
(fee)

~~NO DESCRIPTION LISTED~~

This course is designed to provide students with the knowledge and skill development necessary to be successful in playing racquetball and/or handball. Offensive and defensive strategies and scoring are also addressed.

PHED 1090 – Softball Credit 1.
~~NO DESCRIPTION LISTED~~

This course is designed to help students learn to play the game of softball using proper skills, strategies, and scoring. Students will become familiar with throwing, catching, and hitting in addition to rules and terminology. By the end of the semester students should have a basic understanding of the game of softball and feel confident in recreational game play.

PHED 1100 – Golf Credit 1.
~~NO DESCRIPTION LISTED~~

This course is designed to give students the opportunity to learn the basic strokes and rules of game play for golf. Which clubs to use when and score keeping are included.

PHED 1101 – Advance Golf Credit 1.
~~NO DESCRIPTION LISTED~~

This course is for students who have completed PHED 1100 or have basic golf skills. Continuing to improve strokes and perfect golf skills as well as gaining knowledge of game play strategies is included.

PHED 1110 – Badminton Credit 1.
~~NO DESCRIPTION LISTED~~

This course is designed to give students basic information about the game/sport of badminton. Skill development, basic knowledge, rules and strategies of play for singles and doubles play are included in the course. Strokes and scoring are major components of this course.

PHED 1120 – Ballroom Dance Credit 1.
~~NO DESCRIPTION LISTED~~

Ballroom dance class is designed to help students learn basic to advanced ballroom dance steps, including but not limited to Foxtrot, Cha Cha, Rumba, Waltz and Tango. This class is appropriate for all level of ballroom dancers. Students enjoy a culminating BALL at the end of each semester.

PHED 1150 – Riflery Credit 1.
~~NO DESCRIPTION LISTED~~

This course is designed for people interested in the hobby of riflery. This course is based on recreational riflery, and covers topics such as; safety, rifle uses, recreational riflery, ammunition, sights, reloading, and competitive riflery rules/regulations.

PHED 1160 – Scuba and Skin Diving

Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for students who want to learn to scuba/skin dive. Students spend time in the classroom and in the pool checking off on skills and practice diving before going out for a ‘check off’ dive. Students can become certified divers in this class.

PHED 1170 – Karate

Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for students who are interested in karate with little or no background in martial arts. Beginners are encouraged to sign up for this course and start training in martial arts.

PHED 1171 – Kempojutsu

Credit 1.

~~NO DESCRIPTION LISTED~~

The “Way of the Fist Methods” is the base martial arts of several systems taught today. This system is oriented toward those who would like an in-depth study of “Close Quarters Defensive Tactics”. The program emphasizes practical martial arts methods-no hold high kicks and no forms to learn.

PHED 1172 - **Tai Chi/Qigong**

Credit 1.

~~NO DESCRIPTION LISTED~~

Tai Chi is an ancient Chinese form of “Moving Meditation” and relaxation. Its movements achieve harmony and balance between the mind and body. The movements are designed to help you feel relaxed, yet alive and energized. Qigong is also known as “Energy Exercise”. The practice of Qigong is done in place and relates more toward internal energy and health.

PHED 1173 – Samurai Sword

Credit 1.

~~NO DESCRIPTION LISTED~~

The Samurai sword is the most notable weapon of the Japanese samurai warriors. Iaijutsu is the drawing of the sword. Kenjutsu is the collection of follow-on techniques after the draw. The student will learn numerous fighting skills of the samurai warriors. Classes will be taught using a bokken (wooden sword).

PHED 1180 – Self Defense for Women

Credit 1.

~~NO DESCRIPTION LISTED~~

The “Way of the Fist Methods” is the base martial arts of several systems taught today. This system is oriented toward those who would like an in-depth study of “Close Quarters Defensive Tactics”. The program emphasizes practical martial arts methods-no hold high kicks and no forms to learn. Techniques are tailored to meet each individual’s needs. Instruction is conducted in a friendly, self-paced learning environment. Unusual physical ability and flexibility are not required for the program.

PHED 1190 – Water Aerobics

Credit 1.

~~NO DESCRIPTION LISTED~~

This class is designed to use the natural resistance of water against your body to provide a wide variety of conditioning activities: including but not limited to swimming, stretching, yoga, running, water weight exercises, and more. The purpose is to provide students with water aerobic exercises that will help reduce unnecessary stress on joints.

PHED 1200 – Beginning Foil Fencing Credit 1.

~~NO DESCRIPTION LISTED~~

This course is for students who are interested in learning about foil fencing.

PHED 1220 – Active Lifestyles and Health Credit 1.

~~Promotion of health through an active lifestyle.~~

This course is designed for students to have multiple opportunities to participate in a variety of sports and physical activities in pursuit of a healthy lifestyle. Health topics including but not limited to physical fitness and nutrition will be covered.

PHED 1230 – Map Reading/Orienteering Credit 1.

~~NO DESCRIPTION LISTED~~

This course is for students who are interested in learning about navigating by map reading and orienteering. There will be an equal amount of classroom work and hands on experience.

PHED 1240 – Soccer Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for beginners as well as seasoned players to be able to participate in the game of soccer. Basic skills and drills will be used to teach or reinforce necessary soccer skills. In addition, rules of play, positions and offensive and defensive strategies will be covered. By the end of the course students should feel confident in participating in recreational soccer.

PHED 1250 – Beginning West African Dance Credit 1.

~~NO DESCRIPTION LISTED~~

This course provides students with the history and basic principles of West African Dance. Through brief lecture, active participation, and group exercises, students will gain an understanding of the West African Culture and its dance origin.

PHED 1260 – Advanced West African Dance Credit 1.

~~NO DESCRIPTION LISTED~~

This course provides students with an in-depth study of West African Culture and advanced technical dance routines and implications.

PHED 1290 – Basketball for Men Credit 1.

~~NO DESCRIPTION LISTED~~

This course introduces the fundamental skills of basketball. Emphasis is placed on skill development, rules and fair play. Dribbling, passing, shooting and offensive and defensive strategies are among skills that will be focused on throughout the duration of the class. The main goal of the class is to strive for improvement in every aspect of the game of basketball.

PHED 1360 – Slimnastics and Aerobics Credit 1.

~~NO DESCRIPTION LISTED~~

This class is designed to provide multiple and diverse opportunities for the student to exercise/workout in many different ways: including but not limited to yoga, circuit training, cross fit, exercise videos and more. The purpose is to provide many avenues of exercise so students might find something they enjoy and that fits into their ongoing exercise routine.

PHED 1370 – Weight Training and Physical Fitness

Credit 1.

~~NO DESCRIPTION LISTED~~

This course offers training, instruction and practice in proper techniques of the development of muscular strength, endurance, and flexibility. Emphasis is placed on the application of scientific principles and methods used to build, improve and maintain proper muscular fitness. Body composition and nutrition for health and fitness are also discussed. After taking this course students should be able to apply common knowledge into individual workout plans.

PHED 1371 – Advanced Weight Training and Physical Fitness

Credit 1.

~~NO DESCRIPTION LISTED~~

This course reviews the fundamentals of proper technique of weight training and provides for continued improvement in strength, endurance, and flexibility. Students will set workout goals and apply knowledge to individualized workout routines.

PHED 1372 – Weight Training and Physical Fitness for Women

Credit 1.

~~NO DESCRIPTION LISTED~~

This course offers training, instruction and practice in proper techniques of the development of muscular strength, endurance, and flexibility for women. Emphasis is placed on the application of scientific principles and methods used to build, improve and maintain proper muscular fitness. Body composition and nutrition for health and fitness are also covered.

PHED 1374 – Cross Training

Credit 1.

~~NO DESCRIPTION LISTED~~

This class combines cardiovascular exercises to raise your heart rate and burn calories with resistance exercises to tone and sculpt your muscles. This total body class combines compound exercise training with isolated muscle group training, to give a total body workout.

PHED 1390 – Firearm Safety, Hunting and Outdoorsmanship

Credit 1.

~~NO DESCRIPTION LISTED~~

A course offered for people interested in becoming knowledgeable about firearms, hunting, and outdoorsmanship. The course covers topics such as the dangers of firearms, TWRA and national guidelines of hunting, as well as respectful conduct when hunting or being involved in outdoor activity.

PHED 1400 – Skeet and Trap Shooting

Credit 1.

~~NO DESCRIPTION LISTED~~

A course offered for those interested in learning the basics of skeet and trap shooting. This is an off-campus course. The course covers basic shotgun safety, ammunition, loading and reloading of shotgun shells, rules and regulations of competitive skeet and trap shooting.

PHED 1441 – Skeet and Trap Shooting Competition Credit 1.

~~NO DESCRIPTION LISTED~~

A course offered for those who regularly engage in competitive skeet and trap shooting, or as an extension class of PHED 1441. This course solely focuses on competitive skeet and trap shooting and participates in competitions.

PHED 1470 - Handgun Familiarization and Safety Credit 1.

~~NO DESCRIPTION LISTED~~

A course offered for people seeking knowledge about handgun safety, or interested in acquiring their Tennessee Handgun Carry Permit. This course covers topics such as; safety and dangers affiliated with handguns, political issues regarding handguns, ammunition, reloading, targeting, and the Tennessee Handgun Carry Permit written test and shooting test.

PHED 1520 – Canoe and Camping Credit 1.

~~NO DESCRIPTION LISTED~~

This course provides students with outdoor learning opportunities directly related to canoeing, kayaking and camping. Students will learn in a simulated environment and then go on an outdoor adventure incorporating canoeing and camping. Survival principles will also be studied.

PHED 1530 – Backpacking Camping Credit 1.

~~NO DESCRIPTION LISTED~~

This course provides students with outdoor learning opportunities through Backpacking Camping, and survival principles.

PHED 1550 – Advanced Open Water Scuba Diving Credit 1.

~~NO DESCRIPTION LISTED~~

This course provides students who already hold a basic scuba certification the opportunity to learn about and participate in advanced open water diving skills. Students will be required to dive in an off campus open water location for the advanced certification.

PHED 1570 – Bicycle Touring Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed as an introduction to the basics of Biking. Students will be introduced to the basic equipment, techniques, terminology, and safety of biking.

PHED 1590 – Back Country Adventure I Credit 1.

~~NO DESCRIPTION LISTED~~

This course is designed for students to gain basic knowledge and skills to be able to participate safely in back-country adventures. Certain criteria must be met in order to participate in the off campus back country adventure trip.

PHED 1600 – Back Country Adventure II Credit 1.

~~NO DESCRIPTION LISTED~~

This course is an advanced course in back-country. Students will participate in relevant planning, practice and skill development to prepare for an extended back-country adventure trip.

PHED 1610 - Challenge Course-Team Building Facilitation

Credit 2.

~~The purpose of this course is to provide the student with the knowledge, skills, and methods necessary to facilitate challenge course program in a variety of settings.~~

This course is designed to provide the student with the knowledge and skills necessary to participate in and facility challenge course programs in various settings. Basic team building skills and challenges will be included.

PHED 1620 - Bouldering Movement and Technique

Credit 1.

This course is designed to covers the basics of safe and responsible bouldering. Topics include equipment, bouldering techniques, safety procedures, injury prevention, and training for competitive climbing.

PHED 1630 - Basic Caving

Credit 1.

This course is designed to introduce students to the basics of rope climbing and rappelling. Knots, types of rope, various climbing systems, rigging, rappelling, belaying, and climbing will be the focus of the course. Proper techniques will be emphasized with safety as the main priority.

PHED 1640 - Mountain Bike Skills

Credit 1.

This course is designed as an introduction to the basics of mountain biking. Students will be introduced to the basic equipment, techniques, terminology, and safety of necessary to go mountain biking.

PHED 1650 - Outdoor Water Skills

Credit 1.

This course is designed ~~to introduce~~ for students to gain the knowledge and skills needed to safely enjoy a variety of water activities including but not limited to canoeing for recreation, relaxation, lifetime physical fitness or work.

PHED 2100 – Lifeguard Training

Credit 2.

~~NO DESCRIPTION LISTED~~

The purpose of the American Red Cross Lifeguarding course is to provide entry-level lifeguard participants with the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide care for breathing and cardiac emergencies, injuries and sudden illnesses until emergency medical services (EMS) personnel take over.

Motion. Dr. Killman moved to approve the curriculum and course changes effective Fall 2016. The motion was seconded and carried.

Approval of Course Deletions from the Department of Exercise Science, Physical Education and Wellness

In a memorandum dated March 3, 2016, approval was requested for the following:

Course Deletions:

1. PHED 1060 – Tumbling
2. PHED 1130 – Modern Dance
3. PHED 1140 – Folk and Square Dance
4. PHED 1210 – Clogging: Country & Western
5. PHED 1300 – Snow Skiing
6. PHED 1310 – Horsemanship
7. PHED 1320 – Ballet

8. PHED 1420 - Roller Skating
9. PHED 1430 – Jazz Dance
10. PHED 1510 – Intermediate Snow Skiing
11. PHED 1560 – Water Skiing
12. PHED 1580 – Mountaineering

Motion. Dr. Killman moved to approve the course deletions effective Fall 2016. The motion was seconded by Dr. Baker and carried.

Approval of Course Changes from the Department of Earth Sciences

In a memorandum dated February 25, 2016, approval was requested for the following:

Course Changes:

Change the Lecture/Lab hours for Geomorphology—GEOL/GEOG 4150 (5150)

From Lec. 3. Lab. 2. Credit 4.

To Lec. 2. Lab. 4. Credit 4

Change the credit hours for Special Problems—GEOL/GEOG 4810 (5810)

From **Credit 1-3**

To **Credit 1-4.**

Change the credit hours for Special Problems—GEOL/GEOG 4820 (5820)

From **Credit 1-3**

To **Credit 1-4.**

Motion. Dr. Evan Hart, representing Dr. Harrison, moved to approve the changes effective Summer 2016. The motion was seconded by Dr. Joe Roberts.

The Course Checklists for GEOL/GEOG 4810 and 4820 had been submitted indicating that the number of times or credit hours the course could be repeated was 10. This number was questioned and after some discussion Dr. Mills moved to amend the motion to change this number to 1. This was agreeable with Dr. Joe Roberts. After further discussion, it was suggested a more accurate number would be four.

Amended Motion. Dr. Hart moved to approve up to four credit hours to be repeatable. The motion was seconded by Dr. Joe Roberts and carried.

Approval of Course Addition and Curriculum Change from the Department of Communication

In a memorandum dated March 3, 2016, approval was requested for the following:

Course Addition:

SPCH 4440 Semiotics Lec. 3, Credit 3

Studies in philosophy and principles of code systems and language theory, including a range of code systems from simple to complex.

Motion. Dr. Wilson moved to approve the course addition effective Fall 2016. The motion was seconded by Dr. Null and carried.

Curriculum Change:

Do not count UNIV 1020 First-Year Connections toward the 120 hours in the Speech curriculum and change the number of Directed Electives from 21 hours to 22 hours to account for the 1 hour of UNIV 1020.

Motion. Dr. Wilson moved to approve the change effective Fall 2016. The motion was seconded by Dr. Baker and carried.

Dr. Mills relinquished the chair to Dr. Wendt.

Approval of Course Changes from the Department of Mathematics

In a memorandums dated January 26 and March 3, 2016, approval was requested for the following:

Course Changes: (memo March 3)

From:

MATH 1010 Introduction to Contemporary Mathematical Ideas.

MATH 1410 Survey of Elementary Mathematics I.

MATH 1420 Survey of Elementary Mathematics II.

MATH 1530 Elementary Probability and Statistics.

MATH 1720 Pre-calculus II.

MATH 1830 Concepts of Calculus.

MATH 2010 Matrix Algebra.

To:

MATH 1010 Math for General Studies.

MATH 1410 Number Concepts for Teachers.

MATH 1420 Geometry Concepts for Teachers.

MATH 1530 Introductory Statistics.

MATH 1720 Pre-calculus Trigonometry.

MATH 1830 Applied Calculus.

MATH 2010 Introduction to Linear Algebra.

Motion. Dr. Mills moved to approve the changes effective Fall 2016. The motion was seconded by Dr. Eisen and carried.

Course Changes: (memo January 26)

From:

MATH 1710. Pre-calculus I. Lec. 3. Credit 3.

Prerequisites: ACT Math score of 22 or higher or equivalent COMPASS score or C or better in MATH 1000. Review of algebra; relations and functions and their graphs, including polynomial and rational functions; conic sections; inequalities, arithmetic, and geometric sequences and series. Credit will not be given for both MATH 1710 and MATH 1730.

MATH 1730. Pre-Calculus Mathematics. Lec. 5. Credit 5.

Prerequisites: ACT Math score of 25 or higher or equivalent COMPASS score. Two years of high school algebra, one year of high school geometry, and 12 weeks of trigonometry. Review of algebra and trigonometry; relations and functions and their graphs, including polynomial and rational functions; conic sections; inequalities; polar coordinates; complex numbers; and advanced topics in algebra. Credit will not be given for both MATH 1730 and any of MATH 1710 and MATH 1720.

To:

MATH 1710. Pre-calculus Algebra. Lec. 3. Credit 3.

Prerequisites: ACT Math score of 22 or higher or equivalent COMPASS placement exam score or C or better in MATH 1000. Review of algebra; relations and functions and their graphs, including polynomial and rational functions; conic sections; inequalities, arithmetic, and geometric sequences and series. Credit will not be given for MATH 1710 and MATH 1130 or for MATH 1710 and MATH 1730.

MATH 1730. Pre-Calculus Mathematics. Lec. 5. Credit 5.

Prerequisites: ACT Math score of 25 or higher or equivalent COMPASS placement exam score. Two years of high school algebra, one year of high school geometry, and 12 weeks of trigonometry. Review of algebra and trigonometry; relations and functions and their graphs, including polynomial and rational functions; conic sections; inequalities; polar coordinates; complex numbers; and advanced topics in algebra. Credit will not be given for both MATH 1730 and any of MATH 1130, MATH 1710 and MATH 1720.

Dr. Mills requested to add the prerequisite "ACT Math score of 22 or higher or equivalent COMPASS score or C or better in MATH 1000" to MATH 1710 and "ACT Math score of 25 or higher or equivalent COMPASS score" to MATH 1730, as they had been accidentally left off.

Motion. Dr. Mills moved to approve the changes effective Fall 2016. The motion was seconded.

Ms. Whiteaker made a friendly amendment to change "COMPASS" to "placement exam." The COMPASS exam will no longer be used as of November, but as of yet another exam has not been identified.

A vote was taken and the motion carried.

Dr. Wendt relinquished the chair back to Dr. Mills

Approval of Course Additions, Changes and Curriculum Changes from the Department of Mechanical Engineering

In a memorandum dated March 4, 2016, approval was requested for the following:

Course Additions:

ME 4410 Senior Design Project 1 Lec. 2, Lab. 2, Credit 3

Prerequisites: Completion of required 3000-level ME courses; ME 4010. Co-requisite: ME 4020 or 4720. Principles of engineering design with emphasis on contemporary industrial design processes and engineering economics with application in product design. Development phase for capstone team design project in mechanical engineering: preliminary design, supporting analyses and drawings with bill of materials

ME 4420 Senior Design Project II Lec. 1. Lab. 4. Cr. 3.

Prerequisites: ME 4410; ME 4020 or ME 4720. Co-requisite: ME 4020 or 4720. Continuation of ME 4410. Prototyping and testing phase for capstone team design project. Final design reporting (written and oral).

Motion. Dr. Chris Wilson, representing Dr. Rao, moved to approve the additions effective Fall 2016. The motion was seconded by Dr. Johnson and carried.

Course Change:

From:

ME 4720: Thermal Design Lec. 3. Cr. 3.

Prerequisites: ME 3900, ME 3220, ME 3710, and ME 3720. Introduction to the design of thermofluid devices and systems; general design methodology, modeling, simulation, and optimization; and heat exchangers and prime movers in systems.

To:

ME 4720: Thermal Design Lec. 3. Cr. 3.

Prerequisites: ~~ME 3900~~, ME 3220, ME 3710, and ME 3720. Introduction to the design of thermofluid devices and systems; general design methodology, modeling, simulation, and optimization; and heat exchangers and prime movers in systems.

From:

ME 4020: Applied Machine Design Lec. 2. Lab 2. Cr. 3.

Prerequisite: ME 3610, ME 3900 and ME 4010. Design for strength and rigidity under dynamic loads; shaft design; design of joints (threaded fasteners, welds, springs, keys, etc.); design of gear trains; lubrication and bearing design; finite element analysis; and optimization, and statistical consideration in design.

To:

ME 4020: Applied Machine Design Lec. 2. Lab 2. Cr. 3.

Prerequisite: ME 3610, ~~ME 3900~~ and ME 4010. Design for strength and rigidity under dynamic loads; shaft design; design of joints (threaded fasteners, welds, springs, keys, etc.); design of gear trains; lubrication and bearing design; finite element analysis; and optimization, and statistical consideration in design.

Motion. Dr. Wilson moved to approve the change effective Fall 2016. The motion was seconded by Dr. Johnson and carried.

Curriculum Changes

Remove from curriculum:

ME 3900 Design and Professionalism (3)

ME 4444 Senior Design Project (4)

Add to curriculum:

ME 3910: Mechanical Engineering Seminar (1)—existing course that we will start scheduling again

ME 4410: Senior Design Project I (3)—new course listed in Part I. above

ME 4420: Senior Design Project II (3)— new course listed in Part I. above

Motion. Dr. Wilson moved to approve the changes effective Fall 2016. The motion was seconded by Dr. Johnson and carried.

Area of Emphasis (AOE Courses):

Revised -Area of Emphasis (AOE) Courses

There are a large number of courses that can be used to satisfy the Area of Emphasis (AOE) course requirements in Mechanical Engineering. These courses fall into four categories: (1) ME electives as regular course offering; (2) mathematics courses applicable to ME; (3) special problems in ME and other engineering fields; and (4) miscellaneous engineering and science offerings. Technology courses, such as manufacturing and engineering technology (MET) or agricultural engineering technology (AGET), may not be used as AOE's. No online courses may be used as AOE's.

Category 1: Mechanical engineering elective courses

ME 4060 (5060) - Machine Vibrations

ME 4120 (5120) - Intermediate Dynamics

ME 4140 (5140) - Introduction to Robotics and Intelligent Machines Engineering

ME 4160 (5160) - Experimental Stress Analysis

ME 4180 (5180) - Finite Element Methods in Mechanical Design

ME 4190 (5190) - Advanced Mechanics of Materials

ME 4210 - Refrigeration and Air Conditioning

ME 4220 - Air Conditioning Design

ME 4260 (5260) - Energy Conversion and Conservation

ME 4310 (5310) - Gas Dynamics

ME 4370 (5370) - Mechatronics and Intelligent Machines Engineering

ME 4460 (5460) - Mechanical Properties of Materials

ME 4470 (5470) - Interdisciplinary Studies in Ceramic Materials Processing

ME 4480 (5480) - Microstructural Analysis

ME 4490 (5490) - Properties and Selection of Engineering Materials

ME 4510 (5510) - Aerodynamics

ME 4610 - Steam Power Plants

ME 4620 (5620) - Turbomachinery

ME 4630 - Internal Combustion Engines

ME 4730 (5730) - Numerical Heat Transfer

ME 4810 (5810) - Automatic Controls

ME 4930 (5930) - Noise Control

ME 6000-level courses may be used with prior approval of both the course instructor and the ME department chair/associate chair. The student must be within 18 credit hours of graduation.

Category 2: Mathematics directly applicable to mechanical engineering

MATH 3070 – Statistical Methods I or MATH 3470 - Introductory Probability and Statistics (both courses cannot be taken as AOE's)

MATH 3080 – Statistical Methods II

MATH 3810 - Complex Variables

MATH 4210 (5210) - Numerical Analysis I

MATH 4220 (5220) - Numerical Analysis II

MATH 4250 (5250) - Advanced Ordinary Differential Equations I

MATH 4510 (5510) – Advanced Mathematics for Engineers

MATH 4530 (5530) - Linear Algebra I

MATH 4710 (5710) - Vector Analysis

Category 3: Independent Study Courses

ME 4990 Special Problems – May be used with prior approval of both the course instructor and the ME department chair/associate chair.

Other Engineering Special Problems Courses – May be used with prior approval of both the course instructor and the ME department chair/associate chair.

Note - No more than 3 credit hours of actual independent study will be approved in this category. In cases where the 4990 or equivalent course is actually a trial version of a course offered to a general group of students, then the 4990 or equivalent course will be treated as a Category 4 course (see below).

Category 4: Miscellaneous Courses

Other upper division (3000 and 4000-level) engineering and science courses may be used with prior approval of both the course instructor and the ME department.

Motion. Dr. Wilson move to approve the revised Area of Emphasis courses effective Fall 2016. The motion was seconded by Dr. Johnson and carried.

Approval of Course Additions, Changes and Curriculum Changes from the Department of Mechanical Engineering

In a memorandum dated March 4, 2016, approval was requested for the following:

BSME Mechatronics Concentration

Course Additions:

ME 4410 Senior Design Project 1 Lec. 2, Lab. 2, Credit 3

Prerequisites: Completion of required 3000-level ME courses; ME 4010. Co-requisite: ME 4020 or 4720.

Principles of engineering design with emphasis on contemporary industrial design processes and engineering economics with application in product design. Development phase for capstone team design project in mechanical engineering: preliminary design, supporting analyses and drawings with bill of materials

ME 4420: Senior Design Project II Lec. 1. Lab. 4. Cr. 3.

Prerequisites: ME 4410; ME 4020 or ME 4720. Co-requisite: ME 4020 or 4720. Continuation of ME 4410. Prototyping and testing phase for capstone team design project. Final design reporting (written and oral).

Course Changes:

From:

ME 4720: Thermal Design Lec. 3. Cr. 3.

Prerequisites: ME 3900, ME 3220, ME 3710, and ME 3720. Introduction to the design of thermofluid devices and systems; general design methodology, modeling, simulation, and optimization; and heat exchangers and prime movers in systems.

To:

ME 4720: Thermal Design Lec. 3. Cr. 3.

Prerequisites: ~~ME 3900~~, ME 3220, ME 3710, and ME 3720. Introduction to the design of thermofluid devices and systems; general design methodology, modeling, simulation, and optimization; and heat exchangers and prime movers in systems.

From:

ME 4020: Applied Machine Design Lec. 2. Lab 2. Cr. 3.

Prerequisite: ME 3610, ME 3900 and ME 4010. Design for strength and rigidity under dynamic loads; shaft design; design of joints (threaded fasteners, welds, springs, keys, etc.); design of gear trains; lubrication and bearing design; finite element analysis; and optimization, and statistical consideration in design.

To:

ME 4020: Applied Machine Design Lec. 2. Lab 2. Cr. 3.

Prerequisite: ME 3610, ~~ME 3900~~ and ME 4010. Design for strength and rigidity under dynamic loads; shaft design; design of joints (threaded fasteners, welds, springs, keys, etc.); design of gear trains; lubrication and bearing design; finite element analysis; and optimization, and statistical consideration in design.

Curriculum Changes:

Remove from curriculum:

ME 3900 Design and Professionalism (3)

ME 4444 Senior Design Project (4)

ENGR 1120 Programming for Engineers (2)

ECE 2020 Electric Circuits II (3)

ECE 3300 Electronics I (3)

ECE 4210 Control System Design 1 (3)

Add to curriculum:

ME 3910: Mechanical Engineering Seminar (1)—existing course that we will start scheduling again

ME 4410: Senior Design Project I (3)—new course listed in Part I. above

ME 4420: Senior Design Project II (3)— new course listed in Part I. above

CSC 2100: Introduction to Problem Solving and Computer Programming (3)

CSC 2101: Problem Solving and Computer Programming Lab (1)

ECE 3130: Microcomputer Systems (4)

ECE 3210: Control System Analysis (3)* or ME 4810: Automatic Controls (3)

*It is recommended that a student taking ECE 3210 also take ECE 3260, but it is not required.

ECE 3260: Control System Laboratory (1)

Motion. Dr. Wilson moved to approve the additions and changes effective Fall 2016. The motion was seconded by Dr. Johnson and carried.

Approval of Name Change from the College of Engineering

A TBR Name/Title Change form was submitted to rename the Basic Engineering Department to the Department of General Engineering.

Motion. Dr. Hoy moved to approve the name change. The motion was seconded by Dr. Joe Roberts.

Discussion followed concerning the confusion that would result from using “General” in the title.

Ms. Duvier suggested the title of “Department of Engineering.”

Dr. Hoy made a friendly amendment to his motion to use “Department of Engineering” as the new title.

Further discussion ensued and Dr. Hoy withdrew his friendly amendment. Dr. Hodum suggested a new title of “Department of General and Basic Engineering,” as Basic Engineering is still a component of the department.

Dr. Hoy made a friendly amendment to change the new title to “Department of General and Basic Engineering.”

A motion was taken and the vote carried.

Approval of Course Addition and Change from the Department of Civil and Environmental Engineering

In a memorandum dated March 3, 2016, approval was requested for the following:

Course Addition:

CEE 4810 (5810) Foundation Engineering. Lec. 3. Credit 3.

Prerequisite: CEE 4800. Soil mechanics (emphasis on stress and shear strength), bearing capacity, magnitude and time-rate of consolidation, geotechnical design of shallow and deep foundations, lateral earth pressure, and geotechnical aspects of retaining wall design.

Motion. Dr. Jane Liu, representing Dr. Mohr, moved to approve the addition effective Fall 2016. The motion was seconded by Dr. Isbell and carried.

Course Change:

FROM:

CEE 4800 Geotechnical Engineering. Lec. 3. Credit 3.

Prerequisite: CEE 3030 and GEOL 3210. Soil physical properties, classification, permeability and seepage, consolidation, design, and analysis of foundations.

TO:

CEE 4800 Geotechnical Engineering. Lec. 3. Credit 3.

Prerequisite: CEE 3030 and GEOL 3210 (CEE 3030 and GEOL 3210 may be taken concurrently). Soil physical properties, classification, permeability and seepage, consolidation, shear strength and introduction to foundations.

Motion. Dr. Liu moved to approve the change effective Fall 2016. The motion was seconded by Dr. Craven and carried.

Approval of Course and Curriculum Changes from the Department of Electrical and Computer Engineering

In a memorandum dated March 1, 2016, approval was requested for the following:

Course Change:

From:

ECE 2110 - INTRODUCTION TO DIGITAL SYSTEMS Lec. 3. Credit 3.

Prerequisite: ~~Sophomore standing~~. Basic concepts in the design and analysis of digital systems. Number systems and codes. Combinational circuit analysis and design using Boolean algebra. Sequential logic circuit analysis and design.

To:

ECE 2110 - INTRODUCTION TO DIGITAL SYSTEMS Lec. 3. Credit 3.

Prerequisite: **C or better in CSC 2100**. Basic concepts in the design and analysis of digital systems. Number systems and codes. Combinational circuit analysis and design using Boolean algebra. Sequential logic circuit analysis and design.

Curriculum Change:

Delete

CSC 3030 Practical and Professional Issues in Computer Science 1 hr

Add

ECE Lab. Elec 1 hr

Motion. Dr. Johnson moved to approve the changes effective Fall 2016. The motion was seconded by Dr. Craven and carried.

Approval of Course Additions, Changes and Curriculum Change from the Department of Manufacturing and Engineering Technology

In a memorandum dated January 26, 2016, approval was requested for the following:

Course Addition:

MET 3100 – Applied Physical Metallurgy Lec. 2. Lab. 2. Credit 3.

Prerequisite: MET 1100, CHEM 1010 or 1110. A study of the relationships between chemical compositions and structures on the properties of ferrous, non-ferrous metals and alloys used in manufacturing industry.

MET 4700 (5700) – Automation of Manufacturing Systems Lec. ~~2~~ 3, Credit 3.

Prerequisite: Senior or graduate standing in engineering or engineering technology. General principles of operation and programming of automated systems. Automated assembly, automated manufacturing, and inspection systems. Control of automated manufacturing. Industrial logic systems and programmable logic controllers. Computer numerical control, industrial robotics, and computer integrated manufacturing. Students enrolled in the 5000-level course will be required to complete additional work as stated in the syllabus.

Course Changes:

From:

MET 3000 - PRINCIPLES OF METAL CASTING Lec 1. Lab 2. Credit 2.

Prerequisite: ENGR 1110, MET 1100, and ME 3110. ME 3110 can be taken as a co-requisite. Principles of molding and casting aluminum, bronze and gray iron. Use of cores, patterns and machine molding included.

MET 3000 - PRINCIPLES OF METAL CASTING Lec 1. Lab 2. Credit 2.

Prerequisite: **ENGR 1110, MET 1100, and ME 3110 or MET 3100. ME 3110 or MET 3100 can be taken as co-requisite.** Principles of molding and casting aluminum, bronze and gray iron. Use of cores, patterns and machine molding included.

MET 3403 - APPLIED MACHINE ELEMENTS Lec. 2. Lab. 2. Credit 3.

Prerequisite: MET 2400, MET 3301, ME 3110. ME 3110 can be taken as a co-requisite. Static and dynamic properties of materials. Principles of machine elements calculations, components selection, assembly, and lubrication.

MET 3403 - APPLIED MACHINE ELEMENTS Lec. 2. Lab. 2. Credit 3.

Prerequisite: **MET 2400, MET 3301, ME 3110 or MET 3100. ME 3110 or MET 3100 can be taken as a co-requisite.** Static and dynamic properties of materials. Principles of machine elements calculations, components selection, assembly, and lubrication.

MET 4450 (5450) - RAPID PROTOTYPING Lec. 2. Lab. 2. Credit 3.

Prerequisite: **MET 3301. This course prepares students to create a rapid prototyping file from a computer aided design file, determine the prototype for the model or part, and create a production plan for the part. Students enrolled in the 5000-level course will be required to complete additional work as stated in the syllabus.**

MET 4450 (5450) - **RAPID PROTOTYPING ADDITIVE MANUFACTURING** Lec. 2. Lab. 2. Credit 3.

Prerequisite: **MET 3301. This course prepares students to create a rapid prototyping file from a computer aided design file, determine the prototype for the model or part, and create a production plan for the part. Students enrolled in the 5000-level course will be required to complete additional work as stated in the syllabus.**

Curriculum Change:

Add MET 4700 (5700) Automation of Manufacturing Systems as elective for BSET emphasis I – Manufacturing Engineering Technology.

Add MKT 3400 - Principles of Marketing to the Business Minor for the MET Department and BSET Emphases II.

Dr. Hoy requested to change the lecture hours for the course addition MET 4700 from 2 to 3. Curriculum changes should read “OR” in the curriculum. **XXXXX Check with Jerri on this.**

Motion. Dr. Hoy moved to approve the additions and changes effective Summer 2016. The motion was seconded by Dr. Eisen and carried.

Approval of Curriculum Change from the Department of History

In a memorandum dated February 3, 2016, approval was requested for the following:

Curriculum Change:

From:

Foreign Language, 1020, 2010 or 2020 (listed under junior year on the program sheet)

To:

Foreign Language 1020 (thereby deleting the references to 2010 and 2020)

Note: The program sheet will also be adjusted so that this requirement is listed under the sophomore year.

Motion. Dr. Propes, representing Dr. Roberts, moved to approve the change effective Fall 2016. The motion was seconded by Dr. Groundland and carried.

Approval of Course Deletion, Changes, Curriculum Changes and Creation of a Minor from the Department of Chemistry

In 3 memorandums dated February 26 and February 11, 2016, approval was requested for the following:

Curriculum Changes:

Pre-Professional Health Sciences (memo dated Feb. 25)

A. Pre-Medicine

Remove footnote 2 regarding MCAT²⁰¹⁵.

B. Pre-Pharmacy

Remove introductory statements and replace with new introduction.

Remove CHEM 4610 (5610) - General Biochemistry Credit: 3.

Remove CHEM 4620 (5620) - General Biochemistry Credit: 3.

Adjust Elective Credit to 12.

C. Pre-Dentistry

Add Math Credit: 6.

Adjust Elective Credit to 3.

Footnote 1 regarding elective credit becomes Footnote 2

Add new Footnote 1 regarding math: “A course in calculus and a course statistics are recommended.”

D. Pre-Optometry

Add Humanities/Fine Arts Credit: 3.
Adjust Electives Credit to 6.

E. Pre-Physician Assistant

Add CHEM 4610 (5610) - General Biochemistry Credit: 3.
Add SPCH 2410 - Introduction to Speech Communication Credit: 3.
Adjust General Education Core or Major Credit to 13-15.

F. Pre-Occupational Therapy

Add EXPW 4420 Kinesiology Credit: 3.
Adjust Elective Credit to 18-20.

G. Pre-Medical Technology

Replace Elective Credit: 3 with Humanities Credit: 3.
Add SPCH 2410 - Introduction to Speech Communication Credit 3.
Replace Electives (Humanities-3 hours) Credit 10. ¹ with Electives Credit 7. ¹

There are no changes to the following programs:

Pre-Physical Therapy
Pre-Dental Hygiene
Pre-Health Information Management

Motion. Dr. Crouse moved to approve the changes effective Fall 2016. The motion was seconded by Dr. Craven and carried.

Course Deletion & Changes: (memo dated Feb. 11)

Delete CHEM 4510 Physiological Chemistry Laboratory.

MODIFICATIONS

A. Add a minimum grade requirement to the prerequisite for CHEM 1120.

From:

CHEM 1120 - General Chemistry II Lec. 3. Lab. 3. Credit 4.

Prerequisite: CHEM 1110 is prerequisite to 1120. Basic course in general chemistry for curricula requiring more than one year of chemistry. Laboratory includes qualitative analysis procedures.

◆ Meets Tennessee Technological University and Tennessee Board of Regents minimum degree requirements. Chemistry majors may not earn credit in both CHEM 1010 and 1110 or both 1020 and 1120. Credit will not be given for both CHEM 1210, 1310 and any of the above courses.

TO

CHEM 1120 - General Chemistry II Lec. 3. Lab. 3. Credit 4.

Prerequisite: CHEM 1110 with a grade of C or better. Basic course in general chemistry for curricula requiring more than one year of chemistry. Laboratory includes qualitative analysis procedures.

◆ Meets Tennessee Technological University and Tennessee Board of Regents minimum degree requirements. Chemistry majors may not earn credit in both CHEM 1010 and 1110 or both 1020 and 1120. Credit will not be given for both CHEM 1210, 1310 and any of the above courses.

B. Remove CHEM 1010-1020 as an optional prerequisite from CHEM 3010.

From:

CHEM 3010 - Organic Chemistry I

Lec. 3. Lab. 3. Credit 4.

Prerequisite: CHEM 1120 with a grade of C or better or a minimum grade of B in CHEM 1010 and CHEM 1020 . Study of carbon-containing compounds using the functional group approach and an emphasis in simple mechanisms of aliphatic and aromatic compounds.

To

CHEM 3010 - Organic Chemistry I

Lec. 3. Lab. 3. Credit 4.

Prerequisite: CHEM 1120 with a grade of C or better. Study of carbon-containing compounds using the functional group approach and an emphasis in simple mechanisms of aliphatic and aromatic compounds.

C. Change the prerequisite for CHEM 3520 to CHEM 3510.

From:

CHEM 3520 - Physical Chemistry

Lec. 3. Lab. 3. Credit 4.

Prerequisite: CHEM 1120 , MATH 1920 , PHYS 2020 or PHYS 2110 (may be taken concurrently). Introduction to quantum mechanics and spectroscopy, the gas state, thermodynamics and thermochemistry, heterogeneous equilibria, kinetics, electrochemistry, colloids, photochemistry, and the solid state.

To

CHEM 3520 - Physical Chemistry II

Lec. 3. Lab. 3. Credit 4.

Prerequisite: CHEM 3510. Introduction to quantum mechanics and spectroscopy, the gas state, thermodynamics and thermochemistry, heterogeneous equilibria, kinetics, electrochemistry, colloids, photochemistry, and the solid state.

D. Change the title and description for CHEM 4500 to better represent the current content.

From:

CHEM 4500 - Physiological Chemistry

Lec. 3. Credit 3.

Prerequisite: CHEM 3005. Introduction to the chemistry of biological molecules and the metabolic pathways as related to nutrition and physiological function. Not for chemistry majors.

To

CHEM 4500 - Nutritional Biochemistry

Lec. 3. Credit 3.

Prerequisite: CHEM 3005. Introductory survey course of the chemistry of proteins, lipids, carbohydrates and nucleic acids as related to the study of metabolism, nutrition, and physiological function. Not for chemistry majors.

E. Change the prerequisite for CHEM 4610 to include both CHEM 3010-3020 and exclude CHEM 3005 and CHEM 3120.

From:

CHEM 4610 (5610) - General Biochemistry

Lec. 3. Credit 3.

Prerequisite: CHEM 3005 or CHEM 3010 . Chemistry of proteins, lipids, carbohydrates and nucleic acids. Includes study of pH, buffer systems, and biological separation methods.

To

CHEM 4610 (5610) - General Biochemistry I

Lec. 3. Credit 3.

Prerequisite: CHEM 3010 and 3020, or consent of instructor. Chemistry of proteins, lipids, carbohydrates and nucleic acids. Includes study of pH, buffer systems, and biological separation methods.

Motion. Dr. Crouse moved to approve the deletion and changes effective Fall 2016. The motion was seconded by Dr. Anderson and carried.

Creation of Minor (memo dated Feb. 11)

Include the following statement in the Undergraduate Catalog/Undergraduate Degree Requirement/9.1 Definition of Minors.

“A minor in Chemistry will consist of 18-20 hours including CHEM 3010-3020 and 3410 plus two additional courses chosen from CHEM 2010, 3500, 3510, 3520, 4520, 4610, 4620. The minimum average GPA in these courses must be 2.0.”

Motion. Dr. Crouse moved to approve the minor effective with the Fall 2016 catalog and forward. The motion was seconded by Dr. Anderson and carried.

Approval of Course Deletion, Changes and Curriculum Changes from the School of Art, Craft and Design

In a memorandum dated March 2, 2016, approval was requested for the following:

Curriculum Change, BFA, Art Education Concentration:

From: FRESHMAN YEAR

UNAR 1020 - First Year Art Connections (Art Majors only) Credit: 1. or

UNIV 1020 - First-Year Connections Credit: 1. or

equivalent Credit 1. ¹

To: FRESHMAN YEAR

FOED 1820 - Introductory Field Experience or

FOED 1822 - Introductory Field Experience and Orientation or

equivalent Credit 1. ¹

Curriculum Change, BFA, Metals Concentration:

From: JUNIOR YEAR

ART 3830 - Independent Studies in Metals Credit: 1, 2, 3. **or** (Three credit required)

ART 4840 - Special Problems in Metals Credit: 1, 2, 3. (Three credit required)

To: JUNIOR YEAR

ART 3830 - Independent Studies in Metals Credit: 1, 2, 3. **and** (Three credit required)

ART 4840 - Special Problems in Metals Credit: 1, 2, 3. (Three credit required)

Curriculum Change, BFA, Clay, Fibers, Glass, Metals, Painting and Wood Concentrations:

From: FRESHMAN YEAR

UNAR 1020 - First Year Art Connections (Art Majors only) Credit: 1. or

UNIV 1020 - First-Year Connections Credit: 1. or
equivalent Credit 1. ¹

To: FRESHMAN YEAR

UNIV 1020 - First-Year Connections Credit: 1. or
equivalent Credit 1. ¹

Delete Course:

UNAR 1020 - FIRST YEAR ART CONNECTIONS (ART MAJORS ONLY)

Rec. 1. Credit 1.

This course engages B.F.A. students in meaningful artistic, academic, and non-academic out-of-classroom activities, emphasizing critical thinking in the formation of academic and artistic goals and providing essential guidance in self-management, study skills, and artistic development.

Motion. Mr. Ward moved to approve the curriculum changes and deletion effective Fall 2016. The motion was seconded by Dr. Wendt and carried.

Course Changes -

Prerequisite:

From: ART 4100 – ART TOUR Credit 3.

Prerequisite: ART 1030. A 1-2 week trip to view internationally recognized art. Additional preparatory studies and written assignments will be required. May be repeated for credit if trip is different.

To: ART 4100 – ART TOUR Credit 3.

Prerequisite: standing as a declared BFA major or ART 1030 or consent of the instructor.

A 1-2 week trip to view internationally recognized art. Additional preparatory studies and written assignments will be required. May be repeated for credit if trip is different.

Change Prerequisite:

From: ART 3130 - ART SINCE 1900 Lec. 3. Credit 3.

Prerequisite: ART 2120. A survey of the major movements in western art history from the late 19th century through the present. It is recommended but not required that students take ART 2120 before taking ART 3130.

To: ART 3130 - ART SINCE 1900 Lec. 3. Credit 3.

A survey of the major movements in western art history from the late 19th century through the present. It is recommended but not required that students take ART 2120 before taking ART 3130.

Change Prerequisite:

From: ART 3160 - HISTORY OF CRAFTS II Lec. 3. Credit 3.

Prerequisite: ART 3150. Survey of crafts from the Medieval Period through the present. It is recommended but not required that students take ART 3150 before taking ART 3160.

To: ART 3160 - HISTORY OF CRAFTS II Lec. 3. Credit 3.

Survey of crafts from the Medieval Period through the present. It is recommended but not required that students take ART 3150 before taking ART 3160.

Motion. Mr. Ward moved to approve the course changes effective Fall 2016. The motion was seconded by Dr. Wendt and carried.

Delete: Course:

ART 3200 - ART APPLICATIONS I

Lec. 1. Studio 1. Credit 2.

Prerequisite: Admission to the Teacher Education Program. Introduction to materials and methods of teaching art in Grades K-6.

Change Prerequisite:

From: ARED 3155 - SECONDARY PRACTICUM

Lab. 1. Credit 1.

Prerequisite: ARED 2020 and ART 3200. Corequisite: ART 3205. This practicum is to prepare art education students for their Residency I and II requirements in the senior year. Students will be required to spend at least 20 hours in a public school elementary art environment.

To: ARED 3155 - SECONDARY PRACTICUM

Lab. 1. Credit 1.

Prerequisite: ARED 2020 and ARED 3200. Corequisite: ART 3205. This practicum is to prepare art education students for their Residency I and II requirements in the senior year. Students will be required to spend at least 20 hours in a public school elementary art environment.

Change Prerequisite:

From: ARED 3165 - SECONDARY PRACTICUM

Lab. 1. Credit 1.

Prerequisite: ARED 2020, ARED 3155, ART 3200 and ART 3205. This practicum is to prepare art education students for their Residency I and II requirements in the senior year. Students will be required to spend at least 20 hours in a public school secondary art environment.

To: ARED 3165 - SECONDARY PRACTICUM

Lab. 1. Credit 1.

Prerequisite: ARED 2020, ARED 3155, ARED 3200 and ART 3205. This practicum is to prepare art education students for their Residency I and II requirements in the senior year. Students will be required to spend at least 20 hours in a public school secondary art environment.

Change Prerequisite:

From: ART 3205 - METHODS AND MEDIA Lec. 1. Studio 1. Credit 2.

Prerequisite: ARED 2020 and ART 3200. The course is structured to provide art education majors with opportunities to constructively develop and apply their knowledge and skills in the theory and practice of teaching the visual arts. This holistic-arts educational methods course emphasizes the integration of the visual arts media within cross-disciplines to be practiced in the public/private section of learning institutions.

To: ART 3205 METHODS & MEDIA, Lec. 2. Lab, Field 1. Credit 3.

Prerequisite: ARED 2020 and ARED 3200

This course surveys and applies art educational curricula with classroom lectures, studio methodologies and application that are most significant and relevant for today's students and teachers at all grade levels.

Motion. Mr. Ward moved to approve the course deletion and changes effective Fall 2016. The motion was seconded and carried.

Add: Notations to Program of Study of the Design Concentration in the Catalog

Note:

1. Art studio electives and guided electives shall total 12 credit hours.

From 3 credits to 9 credits may be selected from art studio electives, defined as any art studio course not applied to other requirements.

From 3 credits to 9 credits may be selected from the following list of guided electives -- WEBD 1500, WEBD 2300, WEBD 4950, JOUR 2200, JOUR 3740, JOUR 4360, MKT 3400, MKT 3430, MKT 3900

2. Majors in the BFA concentration in design must have C or above in all art courses applied to fulfill requirements in the major. Art courses must also have the grade of C or above in order to serve as prerequisites for other art courses, and to be counted as completed in the sophomore assessment for recommendation to advance in the concentration.

Motion. Mr. Ward moved to approve the catalog changes effective Fall 2016. The motion was seconded and carried.

Approval of Course Deletion and Changes from the Department of English

In a two memorandums dated February 11 and February 23, 2016, approval was requested for the following:

Course Deletion: (memo dated February 11)

LING 4440 Semiotics: Code Systems and Language Theory Lec. 3 Credit 3

Motion. Dr. Null, representing Dr. Pelton, moved to approve the deletion effective Summer 2016. The motion was seconded and carried.

Course Changes: (memo dated February 23)

Change the titles of the following courses:

From:

ENGL 1010 Writing I

ENGL 1020 Writing II

ENGL 2130 American Literature
ENGL 2230 British Literature
ENGL 2330 World Literature

To:

ENGL 1010 English Composition I
ENGL 1020 English Composition II
ENGL 2130 Topics in American Literature
ENGL 2230 Topics in British Literature
ENGL 2330 Topics in World Literature

Motion. Dr. Null moved to approve the changes effective Summer 2016. The motion was seconded and carried.

Approval of Course Additions from the School of Agriculture

In two memorandums dated February 1 and March 7, 2016, approval was requested for the following:

Course Addition: (memo dated March 7)

ANS 4250 Companion Animal Management Lec. 2, Lab ~~1~~-2, Credit 3

Prerequisites: Junior standing (≥ 60 hours)

Care, management and uses of companion animals, particularly involving human health and well-being, and behavior modification in elementary school students.

Dr. Riley requested to change the Lab credit hours from 1 to 2.

Motion. Dr. Riley moved to approve the addition effective July 2016. The motion was seconded by Dr. Anderson and carried.

Course Addition: (memo dated February 1)

AGRN 3350 Soil and Water Conservation Lec. 3, Credit 3

Prerequisites: AGRN 2300 and AGRN 2310 or consent of instructor

Examination of soil health and water quality as impacted by natural and human influences. Emphasis on soil productivity conversation.

Motion. Dr. Riley moved to approve the addition effective Fall 2016. The motion was seconded by Dr. Anderson and carried.

Approval of Curriculum Changes to International Business and Cultures Major, Track 1 from the IBAC Program

In a memorandum dated February 23, 2016, approval was requested for the following:

Curriculum Changes:

I. Track 1 Changes

1. IBAC, Track 1

From: ECON 4600. Economic Growth and Development (credit 3)

To: ECON 4120. Natural Resource Economics (credit 3)/AGBE 4120. Natural Resource Economics (credit 3) 4120 or ECON 4200. Environmental Economics (credit 3)

2. IBAC, Track 1

From: World studies elective (credit 6). Footnote: Students may choose from the following: ~~ENGL 4680~~, ENGL 4720 (5720); FREN 3510; GERM 3510 or GERM 3520; ~~JAPN 3510~~; ~~RUSS 3510~~; SPAN 3510 or SPAN 3550 or any upper-level foreign language class not used for the foreign language requirement; ~~GEOG 1110~~, GEOG 1120, GEOG 1130, GEOG 3200; ~~HIST 3710~~, HIST 4440-4449 (5440), HIST 4550 (5550), HIST 4560 (5560), HIST 4570 (5570), HIST 4620 (5620), HIST 4710, HIST 4730 (5730), HIST 4740 (5740), HIST 4750 (5750), ~~HIST 4760 (5760)~~, HIST 4790-4799 (5790); ~~PHIL 4020~~; ~~POLS 3300~~, ~~POLS 3310~~, POLS 4510, POLS 4960; ~~SOC 2100~~, SOC 4090 (5090); or ~~MUS 2030~~.

To: World studies elective (credit 6). Footnote: Students may choose from the following: ENGL 4720 (5720); ~~FLST 3520~~; FREN 3510; GERM 3510 or GERM 3520; SPAN 3510 or SPAN 3550 or any upper level foreign language class not used for the foreign language requirement; GEOG 1120, GEOG 1130, ~~GEOG 2010~~, GEOG 3200; HIST 4440-4449 (5440), HIST 4550 (5550), HIST 4560 (5560), HIST 4570 (5570), HIST 4620 (5620), ~~HIST 4630~~, ~~HIST 4640~~, HIST 4710, HIST 4730 (5730), HIST 4740 (5740), HIST 4750 (5750), HIST 4790-4799 (5790); POLS 4510, POLS 4960, SOC 4090 (5090), ~~SPCH 3620~~.

3. IBAC, Track 1

From: Foreign Language (21 hours) [beginning in 2010]

To: Foreign Language (21 hours) [beginning in 1010]

II. Track 2 Changes

4. IBAC, Track 2. American Studies

From: GEOG 4810. Special Topics in Geography (credit 3)

To: GEOG 1130. Natural Hazards (credit 3)

5. IBAC, Track 2. American Studies

From: SOC 2110. Soc. Class & Inequality in America (credit 3)

To: SOC 2110 or RELS 2010. Intro to Religious Studies (credit 3)

6. IBAC, Track 2

From: American Studies Electives (12 hours). Footnote: Students may choose from the following: ENGL 4610 (5610), ENGL 4711, ENGL 4830 (5830); HIST 4010 (5010), HIST 4020 (5020), HIST 4030 (5030), ~~HIST 4040 (5040)~~, HIST 4050 (5050), HIST 4060 (5060), HIST 4210 (5210), HIST 4230-4239 (5230), HIST 4250 (5250), ~~HIST 4310 (5310)~~, HIST 4330-4339 (5330), HIST 4360-4369 (5360), HIST 4370 (5370), HIST 4380, ~~HIST 4730 (5730)~~; ~~JOUR 3760~~; ~~POLS 3700~~, ~~POLS 3710~~, ~~3800~~, POLS 4210 and ~~SOC 2840~~.

To: American Studies Electives (12 hours). Footnote: Students may choose from the following: ENGL 4610 (5610), ENGL 4711 (ENGL 5711), ENGL 4830 (5830); HIST 4010 (5010), HIST 4020 (5020), HIST 4030 (5030), HIST 4050 (5050), HIST 4060 (5060), ~~HIST 4200~~, HIST 4210 (5210), HIST 4230-4239 (5230), HIST 4250 (5250), HIST 4330-4339 (5330), HIST 4360-4369 (5360), HIST 4370 (5370), HIST 4380-~~4389~~; ~~JOUR 2200~~, and POLS 4210.

7. IBAC, Track 2
From: DS 3520. Operations Management (credit 3)

To: BMGT 4930. Business Strategy (credit 3)

III. Tracks 1 & 2 Changes

8. IBAC, Tracks 1&2
From: FIN 4510. International Trade and Finance (credit 3)

To: ECON 4510. International Trade and Finance (credit 3)

9. IBAC, Tracks 1&2

From: Approved elective Credit 0-3. Footnote: Elective course to be selected in consultation with the academic advisor.

To: Elective Credit 0-3.

Motion. Dr. Groundland moved to approve the changes effective Fall 2016. The motion was seconded by Dr. Joe Roberts and carried.

Approval of Course Change from the Department of Decision Sciences and Management

In two memorandums dated February 25, 2016, approval was requested for the following:

Course Change:

From:

BMGT 4410 Conflict Management and Negotiation

Prerequisite: BMGT 3630. Development of interpersonal skills for managing conflict and negotiations in business. Enrollment in junior- or senior-level law courses requires junior standing. All business majors must have completed the Basic Business Program

To:

BMGT 4410 Conflict Management and Negotiation

Development of interpersonal skills for managing conflict and negotiations in business. Students must have junior or senior standing. All business majors must have completed the Basic Business Program.

Motion. Dr. Armstrong moved to approve the change effective Fall 2016. The motion was seconded by Dr. Joe Roberts and carried.

Course Addition:

ENTR 4500 – Innovation and Entrepreneurship: Lean Launchpad Lec. 3

ENTR 4500 – Innovation and Entrepreneurship: Lean Launchpad focuses on innovating and evolving a product or service into a viable business model. The curriculum is structured around the Lean Launchpad program where student teams organize and develop their “business canvas.” Students must have junior or senior standing or approval of the instructor.

To:

LIST 4114 – PRST/LIST Internship

Lec. 4, Credit 4.

Prerequisite: Permission of instructor. Educational activity within an organization dealing with the type of work the student hopes to do upon graduation. The internship is a learning environment where the student is treated as one of the employees but often does not have the pressures of being a full-time employee.

Interdisciplinary Studies majors may take up to (6) credit hours of internship.

From:

UNIV 4115 – PRST/LIST Internship

Lec. 5, Credit 5.

Prerequisite: Permission of instructor. Educational activity within an organization dealing with the type of work the student hopes to do upon graduation. The internship is a learning environment where the student is treated as one of the employees but often does not have the pressures of being a full-time employee.

To:

LIST 4115 – PRST/LIST Internship

Lec. 5, Credit 5.

Prerequisite: Permission of instructor. Educational activity within an organization dealing with the type of work the student hopes to do upon graduation. The internship is a learning environment where the student is treated as one of the employees but often does not have the pressures of being a full-time employee.

Interdisciplinary Studies majors may take up to (6) credit hours of internship.

From:

UNIV 4116 – PRST/LIST Internship

Lec. 6, Credit 6.

Prerequisite: Permission of instructor. Educational activity within an organization dealing with the type of work the student hopes to do upon graduation. The internship is a learning environment where the student is treated as one of the employees but often does not have the pressures of being a full-time employee.

To:

LIST 4116 – PRST/LIST Internship

Lec. 6, Credit 6.

Prerequisite: Permission of instructor. Educational activity within an organization dealing with the type of work the student hopes to do upon graduation. The internship is a learning environment where the student is treated as one of the employees but often does not have the pressures of being a full-time employee.

Interdisciplinary Studies majors may take up to (6) credit hours of internship.

II. Course Deletions:

UNIV 4996 – PRST/LIST Special Projects

Credit 4

Motion. Dr. Joe Roberts moved to approve the addition, deletions and changes effective Summer 2016. The motion was seconded by Dr. Camuti.

Dr. Null requested to change the title of LIST 4995 from Culminating Project to Capstone Project, as this course is being proposed at the upcoming RODP Curriculum Committee meeting as UNIV 4995 Capstone Project.

Dr. Roberts accepted this as a friendly amendment, pending approval by the RODP Curriculum Committee. A vote was taken and the motion carried.

III. Course Addition:

Course Title – LIST 3300 – Workplace Etiquette.

Lec 3, Credit 3

The purpose of this course is to introduce students to professional skills and conduct that will help in job acquisition and advancement.

Prerequisites: None.

Motion. Dr. Joe Roberts moved to approve the addition effective Summer 2016. The motion was seconded by Dr. Camuti and carried.

IV. Curriculum Changes:

From:

Senior Year

UNIV 4995 – PRST/LIST Culminating Project Credit 3

Or

UNIV 4996 – Credit 4

To:

Senior Year

LIST 4995 – ~~Culminating~~ Capstone Project

Credit 3

Also, remove the following note from under Interdisciplinary Studies, B.S.:

UNIV 4996 (four hrs) may be substituted from UNIV 4995 (three hrs) in order to meet graduation hour requirements.

Motion. Dr. Joe Roberts moved to approve the changes effective Summer 2016. The motion was seconded by Dr. Camuti and carried.

Approval of Course and Curriculum Changes from the School of Professional Studies

In a memorandum dated March 8, 2016, approval was requested for the following:

Course Change:

From:

UNIV 4995 – Culminating Special Project

Lec. 3, Credit 3

Prerequisite: Permission of instructor. Academic research or other creative activity resulting in a tangible product to demonstrate synthesis of student's coursework. This course is required for all PRST and LIST majors.

To:

PRST 4995 - ~~Culminating~~ Capstone Project

Lec. 3, Credit 3

Cross Listing: LIST 4995

Prerequisite: Permission of instructor. Academic research or other creative activity resulting in a tangible product to demonstrate synthesis of student's coursework. This course is required for all PRST and LIST majors.

II. Curriculum Changes:

From:

Senior Year

UNIV 4995 – Culminating Special Project Credit 3

To:

Senior Year

PRST 4995 – Culminating Project Credit 3

Motion. Dr. Joe Roberts corrected the title of LIST 4995 to “Capstone Project” and moved to approve the changes effective Summer 2016. The motion was seconded by Dr. Camuti and carried.

Approval of Course Additions, Deletions, Changes and Curriculum Changes from the School of Human Ecology

In a memorandum dated March 3, 2016, approval was requested for the following:

Course Additions:

HEC 4005 Senior Seminar in Human Ecology Lec.2. Credit 2.

Prerequisite: Second semester junior or senior, major in Human Ecology with 35 credits earned in Human Ecology. Global interdependence, resource sustainability, use of technology, public policy and advocacy in a capstone project.

HEC 3812. Practicum in Family and Consumer Sciences Education Lab 4. Credit 2.

Prerequisite: Full admission to the Teacher Education Program. Prerequisite or corequisite: HEC 3805. Observation and supervised teaching and participation in Family and Consumer Sciences Educational settings.

HEC 3805 Materials and Methods of Teaching Family and Consumer Sciences Education
Lec.3. Credit 3.

Prerequisite: Full admission to the Teacher Education Program. Corequisite: HEC 3812 Junior Standing; 20 hours of human ecology courses Selection, use and evaluation of learning experiences and material, program planning.

Course Deletions:

HEC 4000 Senior Seminar in Human Ecology Lec.1.Credit 1.

HEC 3811. Practicum in Family and Consumer Sciences Lec.1.Credit 1.

Motion. Dr. Anderson moved to approve the additions and deletions effective Fall 2016. The motion was seconded by Dr. Eisen and carried.

Curriculum Changes:

From:

Food, Nutrition and Dietetics Curriculum, Dietetics option:

BIOL 1010 Introduction to Biology 4 credits

Total Credits 35
Senior Year: HEC 4000 1 credit
Total Credits 21

To:
Food, Nutrition and Dietetics Curriculum, Dietetics option:
Delete BIOL 1010 Introduction to Biology 4 credits from Sophomore Year
Total Credits 31
Add HEC 4005 Senior Seminar in Human Ecology 2 credits to Senior Year
Add Electives 3 credits to Senior Year
Total Credits 25

From:
Food, Nutrition and Dietetics curriculum, Foodsystems Administration option:
Electives 6 credits in Junior Year
Total Credits: 28
Senior Year HEC 4000 1 credit
Total credits: 27

To:
Food, Nutrition and Dietetics Curriculum, Foodsystems Administration option:
Electives: ~~5~~ 4 credits in Junior Year
Total Credits: ~~27~~ 29
Add: HEC 4005 Senior Seminar in HEC 2 credits to Senior Year
Total credits: ~~28~~ 29

From:
Merchandising and Design Curriculum
Electives Credit 4 in Senior Year

To:
Merchandising Curriculum
Electives Credit 3 in Senior Year
Add: HEC 4005 Senior Seminar in HEC 2 credits to Senior Year
Total Credits remain at 26

From:
Housing and Design Curriculum
Electives Credit 4 in Senior Year

To:
Housing and Design Curriculum
Electives Credit 3 in Senior Year
Add: HEC 4005 Senior Seminar in HEC 2 credits in Senior Year
Total Credits remain at 29

From: Child Life Curriculum
EXPW 2430 First Aid, Safety and CPR 2 credits in Junior Year

Junior Total Credits: 34
Senior Total Credits: 26

To:
Child Life Curriculum
Delete EXPW 2430 from Junior Year
Junior Total Credits: ~~32~~34
Add HEC 4005 Senior Seminar in HEC 2 Credits to Senior Year
Add Elective Credit 1 to Senior Year
Senior Total Credits: ~~28~~29

From:
Child Development and Family Relations concentration:
Electives Credit 6 Senior Year
Senior Total Credits: 28

To:
Child Development and Family Relations concentration:
Elective Credit 5 Senior Year
Add: HEC 4005 Senior Seminar in HEC 2 credits to Senior Year
Senior Total Credits remain at 28

From:
Family and Consumer Sciences Education curriculum:
Elective Credit 1 Junior Year

To:
Family and Consumer Sciences Education curriculum:
Delete Elective credit 1 junior year
Add: HEC 4005 Senior Seminar in HEC 2 credits to Junior Year
Total credits remain at 28

From:
HEC 4872 Seminar in Family and Consumer Sciences Education Lec. 5. Credit 5.
Prerequisite: Admission to the Teacher Education Program. Corequisite: HEC 4871,
Candidates will identify and learn to implement engaging strategies related to students' developmental, cultural and socioeconomic factors.

To:
HEC 4872: Seminar in Family and Consumer Science Education Lec. 5. Credit 5.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: HEC 4871. Candidates will identify and learn to implement engaging strategies related to students' developmental, cultural and socioeconomic factors.

Add: "Full" wording to admission requirement

From:
HEC 4871 Residency I

Add Curriculum Note #4 to Child Development and Family Relations Concentration:

Add notation #4 to end of degree title:

Human Ecology, Child Development and Family Relations Concentration⁴

Add the following statements to Note section:

4 The School of Human Ecology, Child Development and Family Relations (CDFR) concentration has met the standards and criteria required for the Provisional Certified Family Life Educator (CFLE) designation from the National Council on Family Relations (NCFR). Beginning in Fall 2016, students who graduate from the School of Human Ecology CDFR curriculum (and have met all CFLE course requirements) now qualify to complete an abbreviated CFLE application process.

This program approval does not imply accreditation, but recognizes the inclusion of relevant course work for each of the ten family life content areas needed for the Provisional Certified Family Life Educator designation.

Dr. Anderson requested credit hour changes to the Food, Nutrition and Dietetics Curriculum, Foodsystems Administration and to the Child Life Curriculum. (See above in Red)

Motion. Dr. Anderson moved to approve the changes effective Fall 2016. The motion was seconded Dr. Riley and carried.

Approval of Creation of Lower Division and Upper Division Dietetics Concentrations from the School of Human Ecology

In a memorandum dated March 3, 2016, approval was requested for the following:

Creation of Lower Division and Upper Division Dietetics Concentrations

The Dietetics option (within the Food, Nutrition and Dietetics concentration) is part of an accredited Didactic Program in Dietetics (DPD), which requires a mandatory enrollment policy. A total of 20 students will be enrolled each year at the junior level, and a total of 20 students will be enrolled each year at the senior level. Students should plan to apply for admission into upper division dietetics during the sophomore year. Admission criteria can be found at www.tntech.edu/hec

Request approval to separate the two options within Food, Nutrition and Dietetics (Dietetics) and (Foodsystems Administration) into two separate concentrations for purposes of being able to track dietetic students for upper division admission.

The Dietetics option would become: Nutrition and Dietetics (HDPD)

The Foodsystems Administration option would remain as Foodsystems Administration and become: HEFA-LDPD

Currently the tracking of Dietetic students is done as a manual process, since Banner does not recognize options, only concentrations.

Request approval to designate Dietetic students as Lower Division DPD (LDPD), and Upper Division DPD (UDPD) HDPD in the Banner system similar to the processes used by the School of Nursing and the College of Education to track their lower and upper division students.

Dr. Anderson requested to change the lower division designation from HEFA to LDPD and the upper division designation to HDPD.

Motion. Dr. Anderson moved to approve the two new concentrations, upon TBR approval, effective Fall 2016. The motion was seconded by Dr. Riley and carried.

Approval of Addition of Catalog Statement – Certified Family Life Educator In Human Ecology Curriculum from the School of Human Ecology

In a memorandum dated March 3, 2016, approval was requested for the following:

Statement added to catalog:

Certified Family Life Educator in Human Ecology Curriculum

This memorandum is to document:

“The School of Human Ecology, Child Development and Family Relations (CDFR) concentration has met the standards and criteria required for the Provisional Certified Family Life Educator (CFLE) designation from the National Council on Family Relations (NCFR).

Beginning in Fall 2016, students who graduate from the School of Human Ecology CDFR curriculum (and have met all CFLE course requirements) now qualify to complete an abbreviated CFLE application process.

This program approval does not imply accreditation, but recognizes the inclusion of relevant course work for each of the ten family life content areas needed for the Provisional Certified Family Life Educator designation. “

Request approval of these statements in quotations to be added to the undergraduate catalog, on the School of Human Ecology main program.

Motion. Dr. Anderson moved to approve the catalog statement. The motion was seconded by Dr. Riley and carried.

Approval of Name/Title Change from the Department of Sociology and Political Science

In a memorandum dated February 21, 2016 and a TBR Name/Title Change form, approval was requested for the following:

Name/Title Change:

From:

Sociology with Concentration in Criminal Justice

To:

Sociology with Concentration in Criminology and Criminal Justice

Motion. Dr. Raymondo moved to approve the change effective Summer 2016. The motion was seconded by Dr. Joe Roberts and carried.

Approval of Course Change from the Learning Support Program

In a memorandum dated March 15, 2016, approval was requested for the following:

Course Change:

From:

READ 1100 Learning Support Lab for Writing and Reading

To:

READ 1100 Learning Support Lab for English Composition I and Reading

Motion. Ms. Whitaker moved to approve the change effective Fall 2016. The motion was seconded by Dr. Wilson and carried.

Approval of Residence Statement for Undergraduate Catalog and Policy 260

Dr. Hodum presented the recommendation of the subcommittee formed to review a suggested revision to the requirements for a baccalaureate degree and graduation that was made at the February 11, 2016 meeting. The issue stems from the way Degree Works was preventing students from taking six hours (1000 and 2000 level courses) in their senior year.

Revision:

Residence: To meet the residence requirements, a student must complete at least 25% of the credit for the degree requirements including a minimum of 24 of the last 30-semester hours of 3000 and 4000 level requirements **course credit** at Tennessee Technological University.

Motion. Dr. Hodum moved to approve the statement for the undergraduate catalog and Policy 260, to be retroactive for all catalogs. The motion was seconded by Ms. Galloway and carried.

Approval of Academic Minor Requirements

Dr. Hodum stated the subcommittee charged with revising the minor statement in Policy 260 has made adjustments to allow for “double-dipping” and are presented below.

Revision:

Academic Minor Requirements

1. The awarding of a minor at Tennessee Tech requires the successful completion of 15 hours of specified course work in the relevant area of discipline, in addition to fulfilling the requirements for a degree above detailed. ~~In some cases,~~ **Successfully** completed courses may simultaneously fulfill a student’s degree requirements and the requirements for a minor.
2. A student may elect to complete more than one minor; **however, no more than two minors may will appear on the student’s academic transcript.**
3. The specific course requirements for each minor offered at Tennessee Tech may be found in the portion of the Undergraduate Catalog addressing the relevant academic area or discipline.
4. **A student may not earn a minor in the same academic program as his/her major.**
5. **A student may not earn a minor in the same academic program as his/her concentration.**

6. A student who wishes to substitute any course requirements for a minor must receive the approval of the academic unit (owner) responsible for the minor requirements. A list of available minors and the ownership of programs is available on the Registrar's website [here](#).

Motion. Dr. Hodum moved to approve the revised requirements for a minor. The motion was seconded by Dr. Eisen.

Dr. Eisen requested replacing the word "may" with "will" (#2 A student may elect to complete more than one minor; **however, no more than two minors may will appear on the student's academic transcript.**)

This was accepted as a friendly amendment by Dr. Hodum. A vote was taken and the motion carried.

Dr. Mills thanked Dr. Hodum and the subcommittee members for their good work.

Election of 2016-17 Chairperson

Dr. Rand and Dr. Anderson served as the nominating committee for the 2016-17 chairperson. Dr. Rand presented the name of Dr. Jeremy Wendt to serve as the 2016-17 chairperson.

Motion. Dr. Rand made a motion to elect Dr. Jeremy Wendt as the 2016-17 chairperson. The motion was seconded by Dr. Killman and the motion carried.

Other Such Matters

Dr. Null – The UNIV 1020 proposal was tabled at the February 11 meeting so committee members could go back to their faculty to discuss. Dr. Null asked that any feedback from these discussions be forwarded to her by April 15 to allow time for needed revisions.

Dr. Mills on behalf of Dr. Ghorashi, thanked Dr. Armstrong for his work on the SACSCOC Faculty Credentials database.

The meeting was adjourned.

