

**University Curriculum Committee  
February 13, 2020 Meeting Minutes**

The University Curriculum Committee met on **Thursday, February 13** at 3:00 p.m. in Bell Hall, Room 260.

**Members Present:**

Melinda Anderson, Interim Chair	Julie Baker	Jeff Boles	Brittany Copley
Bruce Greene	Julie Galloway	Jerry Gannod	Mike Gotcher
Rita Barnes	Brandi Hill	Sharon Huo	Brandon Johnson
Sharon Holderman	Allen Mackenzie	Lori Maxwell	Ben Mohr
Mohan Rao	Wendy Mullen	Janet Whiteaker	Martin Sheehan
Jeff Roberts	Stephen Robinson	Paul Semmes	Linda Null
Barry Stein	Mark Stephens	Evan Hart	Thomas Timmerman
Lisa Zagumny	Darron Smith	Brenda Wilson	Kim Winkle
Alexis Harvey, Student	Courtney Fowler, Student		

**Members Absent:**

Christy Killman	Lori Bruce	Chris Wilson	Adam Grim
Edith Duvier	Hayden Mattingly	Thomas Payne	Joseph Slater
Steve Isbell	Allan Mills	Jennifer Shank	Richard Rand
Wesley Pech	Emma Kenner, Student	Jeremy Wendt, Chair	Dale Wilson

**Official Representative(s):**

Melissa Geist FOR	Kim Hanna	David Hajdik FOR	Steve Frye
Venkat Padmanabhan FOR	Pedro Arce	Braxton Westbrook FOR	Robert Hill, Student
Richard Pirkle FOR	Chris Brown		

**Guest(s):**

Cari Williams	Mary McCaskey	Leeann Shipley	
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**Outline of Proceedings:**

<b>1.</b>	Approval of Agenda	<b>8.</b>	Art, Craft & Design
<b>2.</b>	Approval of October 31, 2019 Minutes	<b>9.</b>	Exercise Science and Physical Wellness
<b>3.</b>	Curriculum & Instruction	<b>10.</b>	Communication
<b>4.</b>	Accounting	<b>11.</b>	History
<b>5.</b>	Decision Sciences and Management	<b>12.</b>	English
<b>6.</b>	Economics, Finance and Marketing	<b>13.</b>	Music
<b>7.</b>	Counseling & Psychology	<b>14.</b>	Agriculture

<b>15.</b>	Human Ecology	<b>18.</b>	Mechanical Engineering
<b>16.</b>	Chemical Engineering	<b>19.</b>	Civil and Environmental Engineering
<b>17.</b>	Computer Science	<b>20.</b>	Informational Items

Proceedings:

Perceiving a quorum, Dr. Melinda Anderson, Interim Chair of Committee, called the meeting to order at 3:01pm.

**1. Approval of agenda**

**Motion to approve.** Lisa Zagumny

**Second.** Julie Baker

**Vote.** Motion carried.

**2. Approval of minutes, October 31, 2019**

**Motion to approve.** Lisa Zagumny

**Second.** Julie Galloway

**Vote.** Motion carried.

**3. Curriculum & Instruction**

**A. Course Additions.**

- 1) ECSP 2500. The Developing Child: Pre-Birth to Age 8                      Lec. 3. Credit 3.  
Discussion of research and major development theories as they relate to physical, social/emotional, linguistic and cognitive domains with applications to teaching and working with young children. Emphasis on understanding typical as well as atypical development.
- 2) ECSP 4010. Practicum: Preschool Practices                                      Lab 2. Credit 2.  
Prerequisite: Full admission to the Teacher Education Program. Corequisite: ECSP 4000. This course includes supervised teaching of integrated learning experiences with emphasis on developmentally appropriate approaches, teaching strategies, management, and inclusion for preschool students.
- 3) READ 3310. Inclusive Emergent and Early Literacy                              Lec. 6. Credit 6.  
Prerequisite: Full admission to the Teacher Education Program. Corequisite: FOED 3810. Study in emergent and early literacy learning (birth through age 8) combines theory and practice in literacy assessment, teaching reading, writing, and language arts. Emphasis on addressing the needs of young children with developmental, communication and language delays. A grade of B is required to meet requirements for licensure candidates.
- 4) SPED 4300. Individualized Educational Planning                              Lec. 2. Credit 2.  
Prerequisite: Full admission to the Teacher Education Program; SPED 3050. This course will provide an intensive study of the IEP process including writing appropriate Individual Education Plans (IEP) to meet individual needs of a student. A grade of B is required to meet requirements for licensure candidates.
- 5) CSED 3000. Digital Literacy and Computing                                      Lec 3. Credit 3.  
This course teaches students the ability to identify, find, evaluate and use computer science technologies for teaching and learning. This course will consist of modules related to hardware and operating systems, data abstraction, cyber security and internet privacy, digital literacy, information literacy, and digital artifact design.

Concurrently, K-12 teaching methodologies related to these topics will be explored and discussed.

- 6) CSED 3010. Programming Fundamentals & Computational Thinking for Educators Lec. 3. Credit 3.

Prerequisite: Full admission to the Teacher Education Program. Corequisite: FOED 3820. This course introduces the foundational building blocks of programming, including primitive data types, functions, algorithms, flow charts, common searching, basic data structures, and control structures. Computational thinking concepts will be defined and examined within programming languages. A grade of B is required to meet requirements for licensure candidates.

- 7) CSED 3020. Computer Science Concepts for Teachers Lec. 3. Credit 3.

Prerequisite: Full admission to the Teacher Education Program. This course covers the writing, modifying, and analyzing of text-based programming for teachers. Analysis of correctness, extensibility, modifiability and reusability of code will be completed. The three major programming structures (sequence, conditionals, and iteration) will be investigated and practiced. Low vs. high level programming languages will be explored. A grade of B is required to meet requirements for licensure candidates.

- 8) CSED 3030. Computer Science Instructional Methods Lec. 3. Credit 3.

Prerequisite: Full admission to the Teacher Education Program. This course offers an examination and application of curricular issues, learning theories, pedagogical methods, and assessments for teaching K-12 computer science in multicultural and diverse classrooms. Comprehensive K-8 or 9-12 computer science lesson plans will be collaboratively developed. The fundamental intersections between computer science and other K-12 disciplines for the purpose of teaching will be investigated. A grade of B is required to meet requirements for licensure candidates.

#### **Course Changes:**

**1) From:**

FOED 3800. Field Experiences in Education Lab. 4-12. Credit 1-3.

Prerequisite: Full admission to the Teacher Education Program. Supervised work experiences in public schools stressing the translation of theory into practice. A minimum grade of B is required to meet degree requirements.

**To:**

FOED 3800. Field Experiences in Education Lab. 4-12. Credit 1-3.

Prerequisite: Full admission to the Teacher Education Program. Supervised work experiences in public schools stressing the translation of theory into practice. A minimum grade of B is required to meet degree requirements **for licensure candidates.**

**2) From:**

FOED 3810. Field Experiences in Education Lab. 4-12. Credit 1-2.

Prerequisite: Full admission to the Teacher Education Program. Supervised work experiences in public schools stressing the translation of theory into practice. A minimum grade of B is required to meet degree requirements.

**To:**

FOED 3810. Field Experiences in Education Lab. 4-12. Credit 1-2.

Prerequisite: Full admission to the Teacher Education Program. Supervised work experiences in public schools stressing the translation of theory into practice. A minimum grade of B is required to meet degree requirements **for licensure candidates.**

**3) From:**

FOED 3820. Field Experiences in Education Lab. 4-12. Credit 1-2.

Prerequisite: Full admission to the Teacher Education Program. Supervised work experiences in public schools stressing the translation of theory into practice. A minimum grade of B is required to meet degree requirements.

**To:**

FOED 3820. Field Experiences in Education Lab. 4-12. Credit 1-2.

Prerequisite: Full admission to the Teacher Education Program. Supervised work experiences in public schools stressing the translation of theory into practice. A minimum grade of B is required to meet degree requirements **for licensure candidates.**

**4) From:**

FOED 3830. Field Experiences in Education Lab. 4-12. Credit 1.

Prerequisite: Full admission to the Teacher Education Program. Corequisite: CUED 4150. Supervised work experiences in public schools stressing the translation of theory into practice. A minimum grade of B is required to meet degree requirements.

**To:**

FOED 3830. Field Experiences in Education Lab. 4-12. Credit 1.

Prerequisite: Full admission to the Teacher Education Program. Corequisite: CUED 4150. Supervised work experiences in public schools stressing the translation of theory into practice. A minimum grade of B is required to meet degree requirements **for licensure candidates.**

**5) From:**

ECSP 3001. Curriculum for Infants, Toddlers & Preschoolers Lec. 3. Credit 3.

Cross-listing: ECED 3001

Prerequisite: Full admission to the Teacher Education Program; HEC 2200. Survey of developmentally appropriate curricula for young children through age five with emphasis on creative activities, books and materials, toys, teacher-made resources, software, and specialized curricula for children with special needs.

**To:**

ECSP 3001. Curriculum for Infants, Toddlers & Preschoolers Lec. 3. Credit 3.

Cross-listing: ECED 3001

Prerequisite: Full admission to the Teacher Education Program. Survey of developmentally appropriate curricula for young children through age five with emphasis on creative activities, books and materials, toys, teacher-made resources, software, and specialized curricula for children with special needs. **Practicum embedded in course. A minimum grade of B is required to meet degree requirements for licensure candidates.**

**Delete:** HEC 2200 as pre-requisite.

**6) 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 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; **ECSP 2400**. Theories, principles and practices associated with child find, assessment, and evaluation of young children, their families, and their environments.

**Delete:** "CFS 2400 or consent of instructor" from prerequisite.

**7) From:**

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.

**To:**

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

Prerequisite: **ECSP 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:** CFS 2400 as prerequisite

**8) From:**

ECED 4221. Early Intervention Field Experience Lab. 1. Credit 1.

Prerequisite: Full admission to the Teacher Education Program; ECED 4230 (5230).  
Corequisite: ECED 4240 (5240). Gain perspectives of children, families, and professionals in the early intervention system. Field experience focuses on family/professional interactions and implementations of IFSP goals. A grade of B or better must be earned to advance to internship.

**To:**

ECED 4221. Early Intervention Field Experience **Lab. 2-6. Credit 1-3.**

Prerequisite: Full admission to the Teacher Education Program; ECED 4230 (5230).  
Corequisite: ECED 4240 (5240). Gain perspectives of children, families, and professionals in the early intervention system. Field experience focuses on family/professional interactions and implementations of IFSP goals. A grade of B or better must be earned to advance to internship.

**9) From:**

ECED 4270. Early Childhood Internship I **Lab. 5. Credit 5.**

Prerequisite: ECED 4230 (5230), ECED 4240 (5240), ECED 4221, ECED 4260. Corequisite: ECED 4280. Supervised work experience in an early childhood related field with professional-level responsibilities.

**To:**

ECED 4270. Early Childhood Internship I **Lab. 6-14. Credit 3-7.**

Prerequisite: ECED 4230 (5230), ECED 4240 (5240), ECED 4221, ECED 4260. Corequisite: ECED 4280. Supervised work experience in an early childhood related field with professional-level responsibilities.

**Motion to approve.** Julie Baker

**Second.** Barry Stein

**Vote.** Motion carried.

**B. Addition of New Concentration.**

The department of Curriculum and Instruction is proposing a new concentration at the undergraduate level which incorporates components of both the Special Education Interventionist K-8 and the Comprehensive K-12. The existing concentrations in the Special Education B.S. program will remain the same. The new concentration will empower undergraduate candidates to teach all aspects of children with special needs across multiple Tennessee licensure levels. These options will increase the marketability and job placement opportunities of graduates in an already high-demand field. In addition to updated curriculum that aligns more closely to licensure standards, new coursework will better prepare pre-service teachers for a successful career in the Special Education field.

**Motion to approve.** Julie Baker

**Second.** Barry Stein

**Vote.** Motion carried.

**C. Addition of New Concentration.**

The Department of Curriculum & Instruction requests to implement new program options at the undergraduate level:

Multidisciplinary Studies, Computer Science Education Concentration, B.S.

The new program will be the first computer science education licensure option in the State of Tennessee. This new program enables TTU to offer license endorsements to preservice and in-service teachers, while promoting and integrating computer science education in the K-12 environment. The curriculum is a combination of current and new courses designed around state and national standards for computer science education.

**Motion to approve.** Julie Baker

**Second.** Barry Stein

**Vote.** Motion carried.

**D. Curriculum Changes.**

**1) Early Childhood Education, Early Childhood/Special Education, PreK-3, B.S.**

**A. First Semester Freshman Year**

**From:**

ART 1035. Introduction to Art (credit 3) OR

MUS 1030. Music Appreciation (credit 3)

Total semester hours: 12

**To:**

Humanities/Fine Arts Elective (Gen Ed) (credit 3)

Add the following to First Semester Freshman Year

**Select One:**

BIOL 1080. Concepts of Biology (credit 3) OR

CHEM 1310. Concepts of Chemistry (credit 3) OR

GEOL 1070. Concepts of Geology (credit 3) OR

PHYS 1310. Concepts of Physics (credit 3)

Total semester hours: **15**

**B. Second Semester Freshman Year**

**From:**

Select Two:

BIOL 1080. Concepts of Biology (credit 3) OR

CHEM 1310. Concepts of Chemistry (credit 3) OR

GEOL 1070. Concepts of Geology (credit 3) OR

PHYS 1310. Concepts of Physics (credit 3)

Total semester hours: 18



**To:**

Select **One**:

BIOL 1080. Concepts of Biology (credit 3) OR  
CHEM 1310. Concepts of Chemistry (credit 3) OR  
GEOL 1070. Concepts of Geology (credit 3) OR  
PHYS 1310. Concepts of Physics (credit 3)

Total semester hours: **15**

**C. First Semester Sophomore Year**

**From:**

ENGL 2235. Topics in British Literature (credit 3) OR  
ENGL 2330. Topics in World Literature (credit 3)

GEOG 1012. Cultural Geography (credit 3)

HEC 2200. Development of Young Children: Conception to Age 6 (credit 3)

SOC 1010. Introduction to Sociology (credit 3) OR  
ANTH 1100. Introduction to Anthropology (credit 3)

Select Two:

BIOL 1080. Concepts of Biology (credit 3) OR  
CHEM 1310. Concepts of Chemistry (credit 3) OR  
GEOL 1070. Concepts of Geology (credit 3) OR  
PHYS 1310. Concepts of Physics (credit 3)

Total semester hours: 18

**To:**

**ECSP 2500. The Developing Child: Pre-Birth to Age 8 (credit 3)**

**ENGL 2130. Topics in American Literature (credit 3) OR**

ENGL 2235. Topics in British Literature (credit 3) OR

ENGL 2330. Topics in World Literature (credit 3)

**Social/Behavioral Sciences Elective (Gen Ed) (credit 6)**

Select **One**:

BIOL 1080. Concepts of Biology (credit 3) OR  
CHEM 1310. Concepts of Chemistry (credit 3) OR  
GEOL 1070. Concepts of Geology (credit 3) OR  
PHYS 1310. Concepts of Physics (credit 3)

Total semester hours: 15

**D. Second Semester Sophomore Year**

**From:**

CFS 2400. Children with Special Needs (credit 3)

ENGL 2130. Topics in American Literature (credit 3)

HEC 3520. Parent Education and Child Guidance (credit 2)

Total semester hours: 12

**To:**

ECSP 2400. Children with Special Needs (credit 3)

FOED 3010. Integrating Instructional Technology into the Classroom (credit 3)

Humanities/Fine Arts Elective (Gen Ed) (credit 3)

**Select One:**

BIOL 1080. Concepts of Biology (credit 3) OR

CHEM 1310. Concepts of Chemistry (credit 3) OR

GEOL 1070. Concepts of Geology (credit 3) OR

PHYS 1310. Concepts of Physics (credit 3)

Total semester hours: 16

**E. First Semester Junior Year**

**From:**

CFS 3600. Family, Community & Professional Partnerships (credit 2)

ECSP 3211. Practicum: Procedures for Infants, Toddlers & Preschoolers (credit 1)

READ 3311. Literacy I (credit 7)

Total semester hours: 18

**To:**

ECSP 4300(5300). Assessment of Young Children (credit 3)

READ 3310. Inclusive Emergent & Early Literacy (credit 6)

Total semester hours: 17

**F. Second Semester Junior Year**

**From:**

ECED 3310. Practicum: Concepts for Young Children (credit 1)

FOED 3010. Integrating Instructional Technology into the Classroom (credit 3)

Total semester hours: 17

**To:**

ECED 4230(5230). Early Intervention I (credit 3)

ECSP 4010. Practicum: Preschool Practices (credit 2)

Total semester hours: 18

**G. First Semester Senior Year**

**From:**

ECSP 4300. Assessment of Young Children (credit 3)

Total semester hours: 13

**To:**

SPED 4300. Individualized Educational Planning (credit 2)

Total semester hours: 12

**2) Early Childhood Practitioner, B.S.**

**A. First Semester Sophomore Year**

**From:**

HEC 2200. Development of Young Children: Conception to Age 6 (credit 3)

**To:**

ECSP 2500. The Developing Child: Pre-Birth to Age 8 (credit 3)

**B. Second Semester Sophomore Year**

**From:**

HEC 3520. Parent Education and Child Guidance (credit 2)

Total semester hours: 15

**To:**

FOED 3010. Integrating Instructional Technology into the Classroom (credit 3)

Total semester hours: 16

**C. First Semester Junior Year**

**From:**

ECSP 3211. Practicum: Procedures for Infants, Toddlers & Preschoolers (credit 1)

FOED 3010. Integrating Instructional Technology into the Classroom (credit 3)

READ 3311. Literacy I (credit 7)

Total semester hours: 19

**To:**

ECSP 4100. Developmentally Appropriate Practices: K-4 (credit 3)

READ 3310. Inclusive Emergent & Early Literacy (credit 6)

Total semester hours: 17

**D. Second Semester Junior Year**

**From:**

HEC 2510. Foundations of Play (credit 3)

Total semester hours: 17

**To:**

ECSP 4010. Practicum: Preschool Practices (credit 2)

Total semester hours: 16

**E. Senior Year**

**From:**

ECED 4221. Early Intervention Field Experience (credit 1)

ECED 4270. Early Childhood Internship I (credit 5)

Total semester hours: 24

Note: <sup>2</sup>HEC majors and ECED non-licensure majors may take advisor approved upper division course without admission to Teacher Education.

**To:**

ECED 4221. Early Intervention Field Experience (credit 1-3; 1 required)

ECED 4270. Early Childhood Internship I (credit 3-7; 7 required)

Total semester hours: 26

Note: <sup>2</sup>HEC majors and ECED Practitioner majors may take advisor approved upper division course without admission to Teacher Education.

**3) Secondary Education, French Concentration, B.S.ED.**

**A. First Semester Junior Year**

**From:**

Total semester hours: 15

**To:**

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

Total semester hours: 16

**B. Second Semester Junior Year**

**From:**

Elective (credit 3)

Total semester hours: 16

**To:**

Elective (credit 2)

Total semester hours: 15

**4) Secondary Education, German Concentration, B.S.ED.**

**A. First Semester Junior Year**

**From:**

Any Upper Division German Elective (credit 3)

**To:**

Elective (credit 2)

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

**5) Secondary Education, Mathematics Concentration, B.S.ED.**

**A. Second Semester Freshman Year**

**From:**

PHED Activity (credit 1)

**To:**

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

**6) Secondary Education, Non-Licensure Concentration, B.S.ED.**

**A. Sophomore Year**

**From:**

Electives (credit 4)

**To:**

Electives (credit 3)

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

**7) Secondary Education, Spanish Concentration, B.S.ED.**

**A. First Semester Junior Year**

**From:**

SPAN Upper Division Course (credit 6)

**To:**

Elective (credit 2)

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

SPAN Upper Division Course (credit 3)

**8) Secondary Education, Biology Concentration, B.S.ED.**

**A. Second Semester Sophomore Year**

**From:**

Total semester hours: 13

**To:**

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

Total semester hours: 14

**B. Second Semester Junior Year**

**From:**

Elective (credit 1)

Total semester hours: 17

**To:**

Total semester hours: 16

**9) Secondary Education, Economics Concentration, B.S.ED.**

**A. Second Semester Freshman Year**

**From:**

Elective (credit 1)

**To:**

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

**10) Secondary Education, Geography Concentration, B.S.ED.**

**A. Second Semester Freshman Year**

**From:**

Elective (credit 1)

**To:**

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

**11) Secondary Education, Political Science Concentration, B.S.ED.**

**A. Second Semester Freshman Year**

**From:**

Elective (credit 1)

**To:**

ESLP 3100. ESL Pedagogy: SEED Methodology & Materials (credit 1)

**E. Curriculum Changes.**

**1) Secondary Education, History Concentration, B.S.ED.**

**A. FROM:**

Elective (credit 1)

**TO:**

ESLP 3100. ESL Pedagogy: Secondary Education Methodology & Materials (credit 1)

\*Freshman year, 2<sup>nd</sup> semester

**B. FROM:**

ANTH 1100. Introduction to Anthropology (credit 3) OR  
SOC 1010. Introduction to Sociology (credit 3)

**TO:**

HIST 2210. Early Western Civilization (credit 3)

\*Sophomore year, 1<sup>st</sup> semester

**C. FROM:**

HIST 2210. Early Western Civilization (credit 3) OR  
HIST 2220. Modern Western Civilization (credit 3)

**TO:**

HIST 2220. Modern Western Civilization (credit 3)  
\*Sophomore year, 2<sup>nd</sup> semester

**D. FROM:**

Electives (credit 3)

Select **one**:

HIST 4710-History of Africa (credit 3) OR  
HIST 4730(5730)-The 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 and Their Aftermath (credit 3) OR  
HIST 4790-4799(5790)-Latin American Studies (credit 3)

**TO:**

Select **two**:

HIST 4710-History of Africa (credit 3) OR  
HIST 4730(5730)-The 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 4790-4799(5790)-Latin American Studies (credit 3)  
\*\*delete electives and delete HIST 4760(5760) and change selection to *two*.  
Junior year, 1<sup>st</sup> semester

**E. FROM:**

Electives from POLS, ECON, GEOG (credit 6)

**TO:**

Electives from POLS, GEOG (credit 6)  
\*\*delete ECON option. Junior year, 2<sup>nd</sup> semester

**Motion to approve.** Julie Baker

**Second.** Mike Gotcher

**Vote.** Motion carried.

**4. Accounting & Business Law**

**A. Addition of New Minor.**



Accounting Minor

Students will be allowed to complete a minor in Accounting by completing 15 hours of courses as designated below:

Required Courses:

ACCT 2110 Principles of Financial Accounting

ACCT 2120 Principles of Managerial Accounting

ACCT 3170 Intermediate Financial Accounting I

ACCT 3180 Intermediate Financial Accounting II

Select from ACCT 3210 Cost Accounting OR ACCT 3330 Federal Taxation

**Motion to approve.** Julie Galloway

**Second.** Julie Baker

**Vote.** Motion carried.

5. **Decision Sciences and Management**

**A. Course Description Changes.**

**BMGT 4930 – Business Strategy**

**From:**

Prerequisite: BMGT 3510, FIN 3210 and MKT 3400. Prerequisite or corequisite: DS 3520. A capstone course stressing management problem analysis, problem solving, and decision-making. Enrollment in Junior- or Senior-level BMGT courses requires Junior Standing. All Business majors must have completed the Basic Business Program.

**To:**

Prerequisite: BMGT 3510, FIN 3210, MKT 3400 and Senior Standing. Prerequisite or corequisite: DS 3520. A capstone course stressing management problem analysis, problem solving, and decision-making. This course is designed to be taken during semester of graduation.

**Motion to approve.** Thomas Timmerman

**Second.** Julie Baker

**Vote.** Motion carried.

6. **Economics, Finance and Marketing**

**A. Curriculum Changes.**

**From:**

FIN ELEC1.....9

1 Elective courses are to be selected in consultation with the academic advisor.

**To:**

FIN ELEC1.....9

1 At least one course must be a 4000-level course. Elective courses are to be selected in consultation with the academic advisor.

**Motion to approve.** Julie Galloway

**Second.** Julie Baker

**Vote.** Motion carried

**B. Course Changes.**

Change the course description of ECON 4900 (5900)

**From:**

ECON 4900 (5900) – Contemporary Economics Workshop  
Credit 1 to 6.

Thorough and intensive training of public school teachers in fundamental economic principles and current issues. May not be counted as part of a degree program in the College of Business.

**To:**

ECON 4900 (5900) –Economics Workshop  
Lec. 3. Credit 3.

Prerequisite: ECON 3810 and ECON 3820 or consent of instructor. A capstone class focused on reading, evaluating and conducting economic research, both classic and contemporary. Requires Senior Standing.

**Motion to approve.** Julie Galloway

**Second.** Lisa Zagumny

**Vote.** Motion carried

**7. Counseling & Psychology**

**A. Addition of New Certificate.**

Addition of Human Behavior Data Analytics Certificate – Fall 2020

This certificate will be awarded to psychology majors who meet the criteria listed below. Psychology majors have the opportunity to receive extensive training in applied statistics, research design, and the interpretation of statistical relationships in human behavior. These skills are highly desirable in fields such as health care informatics. Students who are able to complete the courses below with an average GPA in these courses of 3.75 meet the criteria for the certificate and have a level of proficiency in data analytics that employers will highly value.

Courses – 16 hours

PSY 3010 Statistics and Experimental Design

PSY 3110 Experimental Psychology

PSY 4930 Senior Thesis

PSY 4931 Senior Thesis

**Motion to approve.** Barry Stein

**Second.** Julie Baker

**Vote.** Motion carried

**8. Art, Craft & Design**

**A. Addition of New Concentration.**

The School of Art, Craft & Design proposes the addition of a new BFA concentration, Dual-Studio concentration. The proposed concentration curriculum and concentration comparison table was presented. The School of Art, Craft & Design has experienced students with increasing interest in pursuing creative inquiry in more than a single studio. We feel the addition of this concentration will best serve our students and it is reflective of current trends in art, which leans towards a multi-disciplinary creative practice.

**Motion to approve.** Kimberly Winkle

**Second.** Julie Baker

**Vote.** Motion carried

**B. Course Addition.**

- A. ART 4111 Senior Thesis in Dual-Studio I, Stu. 6. Credit. 3
- ART 4112 Senior Thesis in Dual-Studio II, Stu. 6. Credit. 3
- ART 4113 Senior Thesis in Dual-Studio III, Stu. 6. Credit. 3
- ART 4114 Senior Thesis in Dual-Studio IV, Stu. 6. Credit. 3

Description: Guided individual studio projects leading to a professional level of technical, conceptual, and design accomplishment in a stylistically coherent body of work.

**C. Addition of New Minor.**

The School of Art, Craft & Design proposes the addition of a new Minor in Studio Art. Students may earn this minor by completing 15 hours (5 courses) from the following list of courses, which are all 3 credit hour studio courses:

Art 1045: Drawing I	Art 2610: Intro to Fibers
Art 1050: Drawing II	Art 2710: Intro to Glass
Art 1250: Intro to Digital Imaging	Art 2810: Intro to Metals
Art 1340: Foundations Studio I	Art 2910: Intro to Wood
Art 1350: Foundation Studio II	Art 3210: Design Studio
Art 2210: Intro to Design	Art 3220: Design Studio II
Art 2220: Typography, Text & Image	Art 3230: Design Studio III
Art 2340: CAD for Artist	Art 3310: Drawing III
Art 2410: Painting I	Art 3410: Painting II
Art 2510: Intro to Clay	Art 3420: Painting III
Art 3511: Intermed. Hand-building in Clay	Art 3521: Advanced Clay Studio
Art 3610: Weaving I	Art 3611: Weaving II

Art 3620: Surface Design I  
Art 3640: 3D Structures I  
Art 3650: Fiber Art Studio I  
Art 3711: Intermediate Glass  
Art 3740: Warm Processes in Glass  
Art 3811: Metals Studio: Metalsmithing  
Art 3911: Intermediate Wood  
Art 3940: Woodturning

Art 3621: Surface Design II  
Art 3641: 3D Structures II  
Art 3651: Fiber Art Studio II  
Art 3721: Advanced Glass  
Art 3750: Production Processes in Glass  
Art 3821: Metals Studio: Blacksmithing  
Art 3921: Advanced Wood

**Motion to approve.** Kimberly Winkle

**Second.** Barry Stein

**Vote.** Motion carried

## 9. Exercise Science

### A. **Addition of New Courses.**

- 1) EXPW 4770 - Physical Education I. Lec. 3, credit 3.  
Methods of teaching physical education to young children for those who are not pursuing a Tennessee teaching license. Pedagogical content for elementary physical education is covered.
- 2) EXPW 4771 – Physical Education II. Lec. 3, credit 3.  
Methods of teaching physical education to middle and high school students for those who are not pursuing a Tennessee teaching license. Pedagogical content for grades 5-12 is covered.
- 3) EXPW 3500 - Physical Activity, Health & Special Populations. Lec. 3, credit 3.  
Study of effects of physical activity and inactivity on pathophysiology of various health conditions across the lifespan. A wide range of health risks and conditions for different populations will be examined.
- 4) EXPW 3550 – Support and Services for Persons with Physical Impairments. Lec. 3, credit 3.  
Survey of variety of assistive technology and devices, and educational and health related resources for persons with physical impairments. A variety of conditions and modifications will be explored.
- 5) EXPW 1140 – Introduction to Strength and Conditioning. Lec. 1, credit 1.  
Designed for students interested in pursuing a career as a strength and conditioning coach, this course provides an overview of the educational process, testing requirements, necessary practical experience and more directly related to being a strength coach.
- 6) EXPW 2250 – The Art of Coaching. Lec. 3, credit 3.  
The science and psychology of implementing the art of coaching athletes, clients, and patients in the fields of strength and conditioning, personal training, athletic training and other health and wellness related careers. Focus on quality instruction, coaching and leadership through application of learned coaching skills and methods.

- 7) EXPW 2900 – Structural Anatomy. Lec. 3, credit 3.  
Muscles and bones primarily of the upper extremities, lower extremities and spine including anatomical terminology, locations, planes, joints and basic skeletal movement. Prerequisite for EXPW 2001, EXPW 2002, EXPW4420 and EXPW 4440. Does not replace BIOL 2010 or BIOL 2350.
- 8) EXPW 3200 – Leadership Development in Exercise Science and Sport II. Lec. 3, credit 3.  
Prerequisite – EXPW 2200.  
Combining leadership theory with practical application, leadership is explored as an integral component of career and life, focusing on the value of influencing others and the importance of interpersonal skills and team dynamics.
- 9) PHED 1121 – Ballroom Dance II. Lec. 1, credit 1.  
Prerequisite – PHED 1120- Ballroom Dance.  
Designed to build on skill and steps learned in the ballroom dance class, this course will focus on method, timing and finesse of basic ballroom dances as well as introduce more advanced ballroom dance steps.
- 10) PHED 1065 – Recreational Games. Lec. 1, credit 1.  
A variety of games people play for recreation and/or leisure will be taught and played in this course, including but not limited to Spikeball, table tennis, Speedminton and more.
- 11) PHED 1061 – Ninja Training. Lec. 1, credit 1.  
Test of skills, techniques and abilities related to upper body strength, agility, grip strength, leg power and more.
- 12) PHED 1135 – Survey of Team Sports. Lec. 1, credit 1.  
A variety of team sports will be taught and played including but not limited to volleyball, floor hockey, soccer and flag football.
- 13) PHED 1136 – Survey of Individual/Dual Sports. Lec. 1, credit 1.  
A variety of individual/dual sports will be taught and played including but not limited to bowling, disc golf, tennis and golf.
- 14) PHED 1022 – Survival Swimming. Lec. 1, credit 1.  
Designed to develop basic survival swimming proficiency while challenging the aquatic ability of all classifications of swimmers. For beginners, low and high intermediate swimmers, the course is divided into two parts: basic stroke development and combat survival swimming. Emphasis on breath control, basic locomotion, buoyancy positions, and stroke refinement.
- 15) PHED 1062 – Cardio Conditioning. Lec. 1, credit 1.  
Various methods of cardiorespiratory conditioning will be explored, including but not limited to running, cycling and swimming. Topics also covered include proper warm up and cool down, nutritional needs, individualized workout program design and techniques for success.

16) PHED 1373 – Core Stability Training. Lec. 1, credit 1.  
Develop core strength using Swiss exercise balls, bands and isometric exercise.

17) PHED 1375 – Crossfit. Lec. 1, credit 1.  
For all skill levels, this course is taught by certified Crossfit instructors.

**Motion to approve.** Julie Baker

**Second.** Barry Stein

**Vote.** Motion carried

## 10. Communication

### A. Course Title and Description Changes.

**FROM:**

**JOUR 2100 Media Literacy and Society**

Lec. 3. Credit 3.

**Catalog Course Description:** Prerequisite: None. Media Literacy and Society. This course will explore the historical development and current status of mass media from a consumer's point of view with the goal of improving media literacy skills. *Topics relate to the construction and deconstruction of media messages and how they influence individuals, specialized and mass audiences, and society as a whole.* Students develop global perspectives by encountering issues dealing with the relationship of the media to government, education, society, politics, economics, religion, culture, family, and the individual *as well as the role and responsibility of a free press in a democratic society.* 3 credit hours.

**TO:**

**JOUR 1110 Media and Social Institutions**

Lec. 3. Credit 3.

**Catalog Course Description:** Prerequisite: None. Media and Social Institutions. This course will explore the historical development, current status, and impact of media from a consumer's point of view with the goal of improving media literacy skills. Students develop global perspectives by encountering issues dealing with the relationship of the media to government, education, politics, economics, religion, culture, society, family, and the individual. 3 credit hours.

**Motion to approve.** Brenda Wilson

**Second.** Lori Maxwell

**Vote.** Motion carried

## 11. History

### A. Course Additions.

- 1) The History Department proposes the addition of a new course:

HIST 3420 "Archives Management and Research"

Catalog Description:

Lec. 3, Credit 3. Considers theory, standards, and methods of archive management in a hands-on environment.

**Motion to approve.** Jeff Roberts

**Second.** Lisa Zagumny

**Vote.** Motion carried

**B. Course Addition.**

- 1) HIST 3390 US Civil Rights Movement History

Lec. 3, Credit 3. Prerequisite: None

Catalogue Description: Lec. 3 Credit 3. Considers the role of African American communities and institutions in the history of the US Civil Rights Movement.

**Motion to approve.** Jeff Roberts

**Second.** Julie Baker

**Vote.** Motion carried

**C. Course Addition.**

- 1) HIST 4380 Black Women in US History

Type: Lec. 3, Credit 3. Prerequisite: None

Catalogue Description: Lec. 3 Credit 3. Considers the role of women of African descent in the history of the United States.

**Motion to approve.** Jeff Roberts

**Second.** Julie Baker

**Vote.** Motion carried

**12. English**

**A. Course Additions and Changes.**

- 1) ENGL/PC 4950 (5950) Topics in Professional and Technical Communication (See attached syllabus.)

Lec. 3. Cr. 3.

Prerequisite: ENGL 3250 or PC 3250. In-depth study of topics relevant to the field of Professional and Technical Communication. Course may be repeated provided the content is different.

- 2) Add ENGL/PC 4950 (5950) to the undergraduate catalog.

Under the statement “At least 12 additional hours of coursework from the following” in the undergraduate catalog, change

**FROM:**

ENGL/PC 3250—Professional Communication 1 Credit: 3.  
PC/WEBD 3500—Rhetoric and the Internet Credit: 3  
PC 3700—Information Design in the Professions Credit: 3.  
PC 3750—Ethics in the Professions Credit: 3.  
PC 4850 (5850)—Internship Credit: 3, 6, 9.  
PC 4940 (5940)—Technical Editing Credit: 3.  
ENGL/PC 4970 (5970)—Professional Communication II Credit: 3  
PC 4990 (5990)—Business and Grant Proposal Writing Credit: 3

**TO:**

ENGL/PC 3250—Professional Communication 1 Credit: 3.  
PC/WEBD 3500—Rhetoric and the Internet Credit: 3  
PC 3700—Information Design in the Professions Credit: 3.  
PC 3750—Ethics in the Professions Credit: 3.  
PC 4850 (5850)—Internship Credit: 3, 6, 9.  
PC 4940 (5940)—Technical Editing Credit: 3.  
ENGL/PC 4950 (5950)—Topics: 3  
ENGL/PC 4970 (5970)—Professional Communication II Credit: 3  
PC 4990 (5990)—Business and Grant Proposal Writing Credit: 3

**Motion to approve.** Linda Null

**Second.** Brandon Johnson

**Vote.** Motion carried

**B. Curriculum Changes.**

A. Clarify the connection of Anglophone Literature content to other literature courses offered within the Department of English.

- 1) In the Undergraduate Catalog, for each concentration (Creative Writing, Language and Rhetoric, Literature, Professional and Technical Communication, Theatre), under the “Note” section following the year-by-year breakdown of curriculum requirements, **add the following statement to the end of Note 2:**

“When necessary, a committee of the instructor of record, the department chair, and the literature concentration advisor will determine if and how courses with primarily Anglophone Literature fit into the existing curriculum for the British/American blocks. Suitably designated courses may be substituted for the courses currently listed in those blocks, contingent upon approval of the majority of the committee.”

**Motion to approve.** Linda Null



**Second.** Jeff Roberts  
**Vote.** Motion carried

**13. Music**

**A. Minor Changes and Additions.**

- 1) The School of Music proposes a name change to our current music minor to 'Music History Minor' and the creation of three additional music minor programs: Music Performance Minor, Music Technology Minor, and Music Theory & Composition Minor.

MUSIC MINOR (Rename to Music History Minor)

15 hours required:

MUS 1030	Music Appreciation	(3 credits)	
MUS 1120	Harmony I	(3 credits)	
MUS 3010	Music History I	(3 credits)	*prerequisite: MUS 1030
MUS 3020	Music History II	(3 credits)	*prerequisite: MUS 1030
MUS ----	Private Lessons	(2 credits)	*2 semesters required
MUS ----	Ensemble	(1 credit)	

- 2) MUSIC PERFORMANCE MINOR

15 hours required:

MUS 1030	Music Appreciation	(3 credits)	
MUS 1120	Harmony I	(3 credits)	
MUS ----	Applied Lessons	(3-4 credits)	*3-4 semesters
MUS ----	Ensemble	(3-4 credits)	*3-4 semesters
MUS ----	Elective(s)	(1-3 credits)	

\*Total of Applied lessons and ensembles must be no less than 6 credits

- 3) MUSIC TECHNOLOGY MINOR

15 hours required:

MUS 1030	Music Appreciation	(3 credits)	
MUS 1120	Harmony I	(3 credits)	
MUS 4250	Recording Techniques	(2 credits)	
MUS 4510	Computer Applications in Music	(2 credits)	
MUS ----	Applied Lessons	(1-2 credits)	*1 credit/semester maximum
MUS ----	Ensembles	(1-2 credits)	
MUS ----	Elective(s)	(2 credits)	

\*Total of Applied lessons and ensembles must be no less than 3 credits

4) MUSIC THEORY & COMPOSITION MINOR

15 hours required:

MUS 1030	Music Appreciation	(3 credits)
MUS 1120	Harmony I	(3 credits)
MUS 1140	Harmony II	(3 credits)
MUS ----	Applied Composition Lessons	(1 credit)
MUS ----	Applied Instrumental Lessons	(1 credit)
MUS ----	Ensemble	(1 credit)
MUS ----	Elective(s)	(3 credits)

\* Total of Applied lessons and ensembles must be no less than 3 credits

\* Elective credits can be fulfilled with additional applied study (up to 2 credits) and/or ensemble(s) (up to 3 credits)

**Motion to approve.** Wendy Mullen

**Second.** Barry Stein

**Vote.** Motion carried

**14. Agriculture**

**A. Course Changes.**

Add BIOL 3810 – General Genetics as an option to ANS 3130 - Animal Breeding

**B. Course Additions.**

Add AGHE 2100 (3 credits) – Community Leadership

This course is being proposed as a dual-credit course to be offered each summer to participants (high school juniors & seniors) participating in the Tennessee Leadership Summit on the TN Tech campus. The Leadership Summit participants spend five days on the TN Tech campus participating in daily workshops, lectures and community service projects throughout the Cookeville community. The students contact hours with TN Tech faculty, consultants and community leaders in addition to online assignments exceeds the minimum contact hour requirement for a three credit course.

**C. Course Deletions.**

1) AGHT 3250 - Arborist Services. Lec. 2 Lab 2. Credit 3.

Basic training and experience in professional tree care and aerial tree work. Climbing equipment provided, students provide personal protective equipment after instruction.

## 2) Course Changes.

### A. From:

AGHT 3030 - Integrated Pest Management. Lec. 2 Lab 2. Credit 3.

Prerequisite: BIOL 1123. Introduction to the aspects of integrated pest management. Identification of plant disease and insect pest problems. Fundamentals of control: biological, cultural, and chemical. Plant disease concepts including etiology, ecology, and physiology.

### To:

AGHT 3030 - Integrated Pest Management. Lec. 2 Lab 2. Credit 3.  
Introduction to the aspects of integrated pest management including pest and disease identification, symptoms, and fundamentals of controls.

### B. From:

AGHT 3400 - Landscape Horticulture. Lec. 2 Lab 2. Credit 3.  
Prerequisite: AGRN 1100, AGRN 1110 or consent of instructor. Basic theory and principles of design for landscaping modern homes and businesses. Use of ornamental plants and special features. Installation, maintenance, and discussion of the effect of management on plant growth and health. Topics include pruning, fertilizer application, pest control, etc.

### To:

AGHT 3400 - Landscape Horticulture. Lec. 2 Lab 2. Credit 3.  
Basic principles and elements of design for residential and business landscaping. Selection, installation, maintenance, and health management of plants.

### C. From:

AGHT 3410 – Plant propagation. Lec. 2 Lab 2. Credit 3.  
Prerequisite: AGRN 1100, AGRN 1110, BIOL 1123, or consent of instructor. Asexual and sexual propagation of plants by cuttings, layers, division, special structures, grafting, budding, seeds, and tissue culture.

### To:

AGHT 3410 - Plant Propagation. Lec. 2 Lab 2. Credit 3.  
Asexual and sexual propagation of plants by cuttings, layering, division, special structures, grafting, seeds, and tissue culture.

**D. From :**

AGHT 3450 – Dendrology. Lec. 2 Lab 3. Credit 3.  
Prerequisite: BIOL 2310 or consent of instructor. The study of trees and the identification of native and urban species commonly found in the mid-South. Adaptability of the species to various ecological conditions of forest ecosystems and landscape environments will be discussed.

**To:**

AGHT 3450 – Dendrology. Lec. 2 Lab 3. Credit 3.  
The study of trees and the identification of native species commonly found in the mid-South. Adaptability of the species to various ecological conditions of forest ecosystems and importance to wildlife will be discussed.

**E. From :**

AGHT 3460 – Interior Plantscaping Lec. 2 Lab 2. Credit 3.  
Identification, culture, production, and use of foliage plants in interior design; principles of design; and practices of maintenance.

**To:**

AGHT 3460 – Interior Plantscaping. Lec. 2 Lab 2. Credit 3.  
Identification, culture, production, and use of foliage plants in interior design; principles and elements of design; and practices of maintenance.

**F. From:**

AGHT 3480 – Horticultural Therapy Lec. 2 Lab 2. Credit 3.  
Introduction to the application of horticulture for special education and as therapy for treatment, rehabilitation, and/or training of individuals with disabilities.

**To:**

AGHT 3480 – Horticultural Therapy Lec. 2 Lab 2. Credit 3.  
Introduction to the application of horticulture as therapy for treatment, rehabilitation, training, and/or special education of individuals with disabilities.

**G. From:**

AGHT 4410 – Nursery Management. Lec. 2 Lab 2. Credit 3.  
Prerequisite: AGHT 3410. Principles of retail and wholesale nursery site selection, field and container production, and resource management. Students who have not had prerequisites can request permission from the instructor.

**To:**

AGHT 4410 – Nursery Management. Lec. 2 Lab 3. Credit 3.

Principles and practices of retail and wholesale nursery site selection, field and container production, and resource management. Development of commercial production schedule required.

**H. From :**

AGRN 3100 – Turfgrass Management    Lec. 2 Lab 2. Credit 3.  
Prerequisite : AGRN 1100 and AGRN 1110 or consent of instructor.  
Establishment and management of special purpose grasses for lawns, golf courses, parks, playgrounds, athletic fields, and roadsides.

**To:**

AGRN 3100 – Turfgrass Management.    Lec. 2 Lab 2. Credit 3.  
Principles and practices of managing turf and turfgrasses; identification, selection, establishment, and maintenance of grasses for landscapes, sport fields, parks, and roadsides.

**D. New Course Addition.**

**AGR 4900, Global Agricultural Service Learning**

This course is designed to provide students with a forum for critical reflection on community-driven service, intercultural experiences, power and privilege and critical global engagement. Each section is focused on a specific global agricultural immersion experience.

**Motion to approve.** Bruce Greene

**Second.** Julie Baker

**Vote.** Motion carried

**15. Human Ecology**

**A. Addition of New Minor.**

The School of Human Ecology requests to add a specific minor in Family Sciences content. This minor would be appropriate for any of the human sciences/helping professions majors and pre-health majors. It is designed to provide an overview of the ecological framework of family theory, in order to complement existing course content for students who will be working with children and families in a variety of job settings.

**Total 15 hours**

**Required: 6 Hours**

HEC 1010 Life Span Development (3)

HEC 2065 Families in Society (3)

**Choose: 9 Hours**

HEC 3066 Family Violence across the Lifespan (3)  
HEC 3100 Cultural Competence for Professionals (3)  
HEC 3520 Parent Education and Child Guidance (2) **and** HEC 4055 Developing Professional Resilience (1)  
HEC 3565 Loss and Bereavement for Children and Families (3)  
HEC 3660 Interpersonal Relationships (3)  
HEC 4065 Social Policy for Children and Families (3)  
HEC 4075 Trauma Informed Care (3)  
HEC 4610 Family Stress Management (3)

**B. Course Additions, Curriculum and Course Changes.**

- 1) Add HEC 4075 Trauma Informed Care. Lec 3. Credit 3.  
Prerequisite: Junior or Senior Standing

Exploring types of trauma and implications on both human and brain development; with an emphasis on parenting and supporting children who have experienced trauma. Importance of trauma informed responses by professionals to individuals and families.

- 2) Add HEC 4055 Developing Professional Resilience Lec 1. Credit 1  
Prerequisite: Junior or Senior Standing

Concepts of nurturing a self-care mindset, creating healthy boundaries, integrating resiliency and prioritizing a self-care plan, in order to promote a positive work/life balance.

**3) From:**

On the Child Development and Family Relations curriculum:

From:

Junior Year: HEC 3290 Nutrition Through the Life Cycle 3 credits

**To:**

Replace with HEC 4075 Trauma Informed Care, 3 credits, in Spring of Junior Year (remove HEC 3290 from this program of study)

No change in credits

**4) From:**

Senior Year, Elective Credit 2

**To:**

Replace 1 Elective Credit with HEC 4055 Developing Professional Resilience, 1 credit, in Spring of Senior Year

Elective Credit 1

Total credits for Senior Year remain the same

**5) From:**

HEC 3500-Development: Middle childhood/Adolescence  
Lec. 3. Credit 3.

Basic principles of physical, cognitive, and psychosocial development in middle childhood and adolescence; ages six through 18. Address factors that contribute to challenges in middle childhood and adolescent development.

**To:**

HEC 3500- Development: Middle childhood/Adolescence  
Lec. 3. Credit 3.

Prerequisite: Junior standing

Principles of physical, cognitive, and psychosocial development in middle childhood and adolescence; ages six through 18. Exploration of factors that contribute to challenges in middle childhood and adolescent development.

**6) From:**

HEC 2510 Foundations of Play  
Prerequisite: HEC 1010 or HEC 2200

**To:**

HEC 2510 Foundations of Play  
Prerequisite: HEC 2200

**7) From:**

HEC 4610: Families: Normative/Catastrophic Issues Lec 3. Credit 3  
Prerequisite: Junior or Senior standing; [HEC 2065](#). In depth study of family stress and effective coping mechanisms that relate to normative transitions and crisis events.

**To:**

HEC 4610: Family Stress Management. Lec 3. Credit 3.  
Prerequisite: Junior or Senior standing; [HEC 2065](#). In depth study of family stress and effective coping mechanisms that relate to normative transitions and crisis events.

**8) From:**

HEC 2065 Families in Society                      Lec 3 Credit 3

The family as a social system. Exploration of ecological systems perspective to understand family-community relationships, including emphasis on children with special needs. Identify globalization of societal trends affecting families.  
HEC 2065 is not a substitute for HEC 2060.

**To:**

HEC 2065 Families in Society                      Lec 3 Credit 3

The family as a social system. Exploration of ecological systems perspective to understand family-community relationships, including emphasis on children with special needs. Identify globalization of societal trends affecting families.

**9) From:**

HEC 3066 Family Violence across the Lifespan Lec 3 Credit 3

Prerequisite: HEC 2065, HEC major and Junior or Senior Standing. A comprehensive review of family violence, abuse and maltreatment across the lifespan using a systems/ecological perspective.

**To:**

HEC 3066 Family Violence across the Lifespan Lec 3 Credit 3

Prerequisites: HEC 2065, Junior or Senior Standing. A comprehensive review of family violence, abuse and maltreatment across the lifespan using a systems/ecological perspective.

**10) From:**

HEC 3520 Parent Education and Child Guidance Lec 2 Credit 2

Prerequisite: HEC 2200 with a grade of C or better. Parental involvement in the education of children, communication, decision-making and the learning-value process.

**To:**

HEC 3520 Parent Education and Child Guidance Lec 2 Credit 2

Prerequisite: HEC 1010 OR HEC 2200 with a grade of C or better. Parental involvement in the education of children, communication, decision-making and the learning-value process. .

**11) From:**

HEC 1150 Analysis of Apparel and Findings Lec 3 Credit 3

Prerequisite: HEC 1100. Learn to work both individually and collaboratively to accomplish learning goals and a deeper understanding of the analysis of apparel and furnishings and the surrounding factors.

**To:**

HEC 1150 Analysis of Apparel and Findings Lec 3 Credit 3

Prerequisite: HEC 1110. Learn to work both individually and collaboratively to accomplish learning goals and a deeper understanding of the analysis of apparel and furnishings and the surrounding factors.

**C. Addition of Child and Family Trauma Informed Care Certificate**

This certificate will be awarded to any student who completes the required sequence of courses as outlined below. It is designed to provide trauma informed content within the ecological framework of family theory. Students will be expected



to successfully complete all courses with a grade of "C" or better in order to earn the certificate.

Required (9 credit hours):

HEC 1010 Life Span Development (3)

HEC 2065 Families in Society (3)

HEC 4075 Trauma Informed Care (3)

Choose 2 (6 credit hours):

PSY 3040 Positive Psychology: The Science of Well-Being (3)

HEC 3066 Family Violence across the Lifespan (3)

HEC 3520 Parent Education and Child Guidance (2) and HEC 4055 Developing Professional Resilience (1)

HEC 4610 Family Stress Management (3)

Choose 1 (3 credit hours):

HEC 3565 Loss and Bereavement for Children and Families (3)

LIST 3600 Concepts of Caregiving (3)

PSY 4810 Concepts of Gerontology (3)

**Motion to approve.** Lisa Zagumny

**Second.** Julie Baker

**Vote.** Motion carried

## 16. Chemical Engineering

### A. **Course Additions.**

CHE 4550 – Green Engineering

Lec. 3 Credits 3

Prerequisites: MATH 1920, CHEM 3010

Catalog Description: This course focuses on including environmental objectives during the design of chemical processes. Environmental objectives include sustainable energy use, global warming, ozone, air quality, water quality, and zero discharge. Risk concepts, environmental legislation and evaluation of fate based on chemical structure are reviewed. Pollution prevention and analysis are covered with attention to unit operations of the chemical reactor and catalysis. Critical review of literature sources is emphasized.

**Motion to approve.** Jerry Gannod

**Second.** Braxton Westbrook

**Vote.** Motion carried

## 17. Computer Science

### A. Name Changes.

The Department of Computer Science is submitting a request to change the Computer Science degree naming structure. Attached is the THEC form, a rationale document, and an e-mail from Jane Emmet at ABET recognizing the change as a simple name change for accreditation purposes. The rationale document outlines the movement of the default major from the Computer Science – Software and Scientific Applications Concentration to Computer Science, with all other concentrations (Cybersecurity, Data Science, and High Performance Computing) as pathways through the core major, and the teach out plan for the current majors. The intent is to have Spring 2020 as the last semester for the concentration and to begin graduating students under the new structure in Summer 2020. I have consulted with Dr. Sharon Huo and Dr. Jessica Oswald on this matter and incorporated comments from each into the appropriate documents.

**Motion to approve.** Jerry Gannod

**Second.** Braxton Westbrook

**Vote.** Motion carried

## 18. Mechanical Engineering

### A. Course changes.

#### 1) From:

ME 3010 - Materials and Processes in Manufacturing

Catalog Data: Lec. 3, Cr. 3.

Prerequisite: [ME 2910](#), [CEE 2110](#) C or better, [CHEM 1010](#) or [CHEM 1110](#) (ME 2910 and ME 3010 may be taken concurrently).

Processing/microstructure/property interrelations; heat treatment of steels and alloys; overview of manufacturing processes; interrelations among materials, design and manufacturing; and introduction to material selection.

#### To:

ME 3010 - Materials and Processes in Manufacturing

Catalog Data: Lec. 3, Cr. 3.

Prerequisite: [ME 2910](#) or [CEE 3110](#), or [MET 2400](#); [CEE 2110](#) C or better, [CHEM 1010](#) or [CHEM 1110](#) (ME 2910 and ME 3010 may be taken concurrently).

Processing/microstructure/property interrelations; heat treatment of steels and alloys; overview of manufacturing processes; interrelations among materials, design and manufacturing; and introduction to material selection.

#### 2) From:

ME 4900: Special Topics

Catalog Data: Cr. 3.

Special topics of current interest in mechanical engineering that are not covered in existing courses. Because of the impossibility of duplicating the conditions for a special topic, this course may not be repeated for the improvement of a grade.

**To:**

ME 4900: Special Topics

Catalog Data: Cr. 1-3.

Special topics of current interest in mechanical engineering that are not covered in existing courses. Because of the impossibility of duplicating the conditions for a special topic, **this particular topic** may not be repeated for the improvement of a grade.

3) **From:**

ME 3023 - Measurements in Mechanical Systems

Catalog Data: Lec. 2. Lab. 2. Cr. 3.

Prerequisite: [ECE 2010](#), [PHYS 2120](#), [PHYS 2121](#) (or [ECE 2011](#) for ME Mechatronics Concentration) and [CEE 3110](#) (CEE 3110 may be taken concurrently). Principles of measurement and calibration; basic instrumentation and measurement techniques in mechanical systems.

**To:**

ME 3023 - Measurements in Mechanical Systems

Catalog Data: Lec. 2. Lab. 2. Cr. 3.

Prerequisite: [ECE 2850](#), [PHYS 2120](#), [PHYS 2121](#) (or [ECE 2011](#) for ME Mechatronics Concentration) and [CEE 3110](#) (CEE 3110 may be taken concurrently). Principles of measurement and calibration; basic instrumentation and measurement techniques in mechanical systems.

4) **From:**

VE 3500 - Sensors, Transducers and Instrumentation

Catalog Data: Lec. 2. Lab. 2. Cr. 3.

Prerequisite: [ECE 2010](#); [PHYS 2120](#); consent of instructor. Introduction to sensors used in vehicles including: oxygen, tire pressure, emission, temperature, blind spot monitoring, etc. Focus on principles of measurements, theory of instruments and sensors for measuring typical physical quantities in mechanical and electrical systems. Calibration, measurement uncertainty and noise.

**To:**

VE 3500 - Sensors, Transducers and Instrumentation

Catalog Data: Lec. 2. Lab. 2. Cr. 3.

Prerequisite: [ECE 2850](#); [PHYS 2120](#); consent of instructor. Introduction to sensors used in vehicles including: oxygen, tire pressure, emission, temperature, blind spot monitoring, etc. Focus on principles of measurements, theory of instruments and sensors for measuring typical physical quantities in mechanical and electrical systems. Calibration, measurement uncertainty and noise.

**Motion to approve.** Mohan Rao

**Second.** Julie Galloway

**Vote.** Motion carried

**19. Civil & Environmental Engineering**

**A. Curriculum Changes.**

**From:**

ECE 2010 - Electric Circuits I Credit: 3. or

ECE 3810 - Fundamentals of Electrical Engineering Credit: 3. or

ME 3210 - Thermodynamics I Credit: 3. or

CHE 3010 - Thermodynamics of Chemical Processes Credit: 3.

**To:**

**ECE 2850 – Principles of Electric Circuits Credit: 3. or**

ME 3210 - Thermodynamics I Credit: 3. or

CHE 3010 - Thermodynamics of Chemical Processes Credit: 3.

**Motion to approve.** Ben Mohr

**Second.** Jerry Gannod

**Vote.** Motion carried

**20. Informational items**

A. The next UCC meeting on March 26, 2020 will be held again in Bell Hall, Room 260.

**No other such matters being presented, the meeting was adjourned at 3:55 p.m.**