University Curriculum Committee
February 22, 2024, Meeting Minutes

The University Curriculum Committee met on **Thursday, February 22,** at **3:00 p.m. via Zoom Meeting.**

Members Present:

Michael Allen	Sean Alley	Melinda Anderson	Curtis Armstrong
Julie Baker	Rita Barnes	Indranil Bhattacharya	Jeff Boles
Brittany Copley	Kent Dollar	Brandi Fletcher	Steve Frye
Gerald Gannod	Michael Gotcher	Kim Hanna	Steven Hayslette
Collin Hill	Michael Hoane	Sharon Holderman	Sharon Huo
Barbara Jared	Christy Killman	Jeannette Luna	Lori Maxwell
Ben Mohr	Kashaina Nocum, student	Linda Null	Thomas Payne
Richard Rand	Mohan Rao	Jeff Roberts	Stephen Robinson
Robby Sanders	Martin Sheehan	Matthew Smith	Dennis Tennant
Jeremy Wendt	Chris Wilson	Kimberly Winkle	Lisa Zagumny

Members Absent:

James Baier	Scott Christen	Mary Cottrell, student	Julie Galloway
Karen Lykins	Hayden Mattingly	Allan Mills	Jennifer Shank
Darron Smith	Benjamin Sweeney	Fred Vondra	Braxton Westbrook, student
Frankie Wolford, student	Kumar Yelamarthi	Chance Hale, student	

Official Representative(s):

Gaithel Simpson for Chance Hale, student	Kensea Skelton for Mary Grace Cottrell, student		

Guest(s):

Mary McCaskey	Angie Clark	Andy Pardue	

Outline of Proceedings:

Item	Department	Memo Subject
1.	UCC	Approval of Agenda
2.	UCC	Approval of November 2, 2023, minutes
3.a	Curriculum & Instruction	6 Course Changes; 2 Course Additions
3.b	Curriculum & Instruction	5 Course Changes; 28 Course Additions
3.c	Curriculum & Instruction	29 Curriculum Changes
4.a	Mechanical Engineering	7 Course Additions; 5 Course Deletions; 1 Course Change
4.b	Mechanical Engineering	3 Curriculum Changes
5.	Human Ecology	1 Curriculum Change

6.a	Chemical Engineering	1 Curriculum Change, CHE
6.b	Chemical Engineering	1 Curriculum Change; CH ENEV
7.a	Nursing	1 Course Addition
7.b	Nursing	1 Course Change
8.a	Fine Arts	6 Course Additions; 1 Course Change
8.b	Fine Arts	9 Curriculum Changes
9.a	Economics	1 Course Change - ECON4640
9.b	Economics	1 Course Change - FIN4420
9.c	Economics	1 Course Addition - FIN 3625
9.d	Economics	1 Course Addition - ECON 3625
9.e	Economics	1 Course Addition - FIN 4500
10	Decision Sciences	1 Curriculum Change
11.	Foreign Languages	6 Curriculum Changes
12.	Other Such Matters	Faculty Credential Review - Curtis Armstrong Curriculum Committee spring meetings - Jeremy Wendt

Proceedings:

Perceiving a quorum, Dr. Jeremy Wendt, Chair of Committee, called the meeting to order at 3:03pm via Zoom.

1. **Approval of Agenda**

   ***Motion to approve**. Lisa Zagumny*
   ***Second**. Julie Baker*
   ***Vote.** Motion carried.*

2. **<u>Approval of minutes, November 2, 2023</u>**
   ***Motion to approve**. Julie Baker*
   ***Second**. Lisa Zagumny*
   ***Vote.** Motion carried.*

3. **Curriculum and Instruction**

   A. Course/Catalog Changes

   Course Changes:

   1. From:
   ECED 4240 (5240). Early Intervention II Lec. 3. Credit 3.
   Prerequisite: ECED 4230 (5230). Corequisite: ECED 4221. Best practices in early intervention for a variety of special needs. Methods and curriculum development to enable effective reciprocal relationships with families. A minimum grade of B is required to meet degree requirements for licensure and practitioner candidates.

   To:
   ECED 4240 (5240). Early Intervention II Lec. 3. Credit 3.
   Prerequisite: ECED 4230 (5230). Best practices in early intervention for a variety of special needs. Methods and curriculum development to enable effective reciprocal relationships with families. A minimum grade of B is required to meet degree requirements for licensure and practitioner candidates.

   Delete: Corequisite: ECED 4221.

   2. From:
   ECED 4260. Early Childhood Program Leadership, Administration and 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.

To:

ECED 4260. Early Childhood Program Leadership, Administration and Assessment Lec. 8. Credit 8.
Prerequisite: ECSP 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.

Change: Prerequisite: ECSP 2400.

3. From:

ECED 4261. Early Childhood Advocacy & Leadership Lec. 6-8. Credit 6-8.
Prerequisite: ECED 4230 (5230). Corequisite: ECED 4221. Early childhood administrator leadership skills, administration, and assessment. Knowledge and skills in the planning, implementation and evaluation of early childhood programs. Assessment of administrator knowledge, skills and experience.

To:

ECED 4261. Early Childhood Advocacy & Leadership Lec. 6-8. Credit 6-8.
Early childhood administrator leadership skills, administration, and assessment. Knowledge and skills in the planning, implementation and evaluation of early childhood programs. Assessment of administrator knowledge, skills and experience.

Delete: Prerequisite: ECED 4230 (5230). Corequisite: ECED 4221.

4. From:

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.

To:

ECED 4270. Early Childhood Internship I Lab. 6-14. Credit 3-7.
Prerequisite: ECED 4230 (5230). Supervised work experience in an early childhood related field with professional-level responsibilities.

Delete: Prerequisites of: ECED 4240 (5240), ECED 4221, ECED 4260. Also delete: Corequisite: ECED 4280.

5. From:

ECED 4280. Early Childhood Internship II Lab. 7. Credit 7.
Prerequisite: ECED 4230 (5230), ECED 4240 (5240), ECED 4221 and ECED 4260. Corequisite: ECED 4270. Continued, supervised work experience in an early childhood related field with professional-level responsibilities.

To:

ECED 4280. Early Childhood Internship II Lab. 7. Credit 7.
Prerequisite: ECED 4230 (5230). Continued, supervised work experience in an early childhood related field with professional-level responsibilities.

Delete: Prerequisite ECED 4240 (5240), ECED 4221 and ECED 4260. Corequisite: ECED 4270.

6. From:

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.

To:

ECED 4290 (5290). Community Connections Lec. 3. Credit 3.
Prerequisite: ECSP 2400. Survey of community resources for families and young children, with an emphasis on federal, state and local programs.

Change: Prerequisite: ECSP 2400.

Justification: ECSP 2400 was created to take the place of CFS 2400. Other changes due to course offering sequencing and course requirements.

Course Additions:

1. ECSP 4500. Supportive Interactions & Environments in ECED Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Prepares the student to build rapport with children and families; create supportive learning environments; demonstrate positive social-emotional teaching strategies; define specific discipline and guidance strategies; assess challenging behaviors; describe specific interventions related to challenging behaviors; and gain understanding of trauma-informed approaches to enhance ability to guide young children. A minimum grade of B is required to meet degree requirements for licensure candidates.

2. FOED 3860. Field Experiences in Education Lab. 2-6. Credit 1-3.
Prerequisite: Full admission to the Teacher Education Program. Supervised field experiences in middle or high school settings, stressing the translation of theory into practice with a focus on current and special topics. A minimum grade of B is required to meet degree requirements for licensure candidates.

Justification: ECSP 4500 course addresses Tennessee's trauma-informed practice standards. FOED 3860 course provides additional classroom experience hours needed for upcoming Residency changes.

Note: Graduate changes going to GSEC 1/30/2024.

Financial Impact: None

Effective Date: Fall 2024

Motion to approve*. Julie Baker*
Second*. Lisa Zagumny*
Vote*. Motion carried.*

B. Course/Catalog Changes

Course Changes:

1. **From:**
CUED 4800. Student Engagement Lec. 3 Credit 3.
Corequisite: ELED 4871 and ELED 4872. This course is designed for Residency I candidates to develop engaging strategies that support and meet the needs of all learners. Candidates will identify and learn to implement engaging strategies related to students' developmental, cultural, and socioeconomic factors.

To:
CUED 4800. Student Engagement Lec. 3. Credit 3. Designed to develop engaging strategies that support and meet the needs of all learners. Candidates will identify and learn to implement engaging strategies related to students' developmental, cultural, and socioeconomic factors.

Delete: Corequisite: ELED 4871 and ELED 4872.

2. **From:**
ELED 3152. Teaching of Mathematics Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: ELED 3140, ELED 4142, FOED 3800. Use of modern methods and strategies for

teaching mathematics and translating theory into practice. A minimum grade of B is required to meet degree requirements for licensure candidates.

To:

ELED 3152. Teaching of Mathematics Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: ELED 3142, ELED 4142, FOED 3800. Use of modern methods and strategies for teaching mathematics and translating theory into practice. A minimum grade of B is required to meet degree requirements for licensure candidates.

Change: Corequisite ELED 3140 to ELED 3142.

3. **From:**

ELED 4142. Teaching of Science Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: ELED 3140, ELED 3152, FOED 3800. Curricula content of elementary school science including materials and methods of developing understanding and skills in science for children. A minimum grade of B is required to meet degree requirements for licensure candidates.

To:

ELED 4142. Teaching of Science Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: ELED 3142, ELED 3152, FOED 3800. Curricula content of elementary school science including materials and methods of developing understanding and skills in science for children. A minimum grade of B is required to meet degree requirements for licensure candidates.

Change: Corequisite ELED 3140 to ELED 3142.

4. **From:**

FOED 3010. Integrating Instructional Technology into the Classroom Lec. 3. Credit 3.
Prerequisite: FOED 2011 or the equivalent. Using, integrating and evaluating instructional technology in today's classroom. Requirement: A minimum of grade of B to demonstrate a candidate's competency in technology integration prior to Residency I.

To:

FOED 3010. Integrating Instructional Technology into the Classroom Lec. 3. Credit 3.

Prerequisite: FOED 2050. Using, integrating and evaluating instructional technology in today's classroom. A minimum grade of B is required to meet degree requirements for licensure candidates.

Change: Prerequisite and B or better wording.

5. **From:**
   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 minimum grade of B is required to meet degree requirements for licensure and practitioner candidates.

   To:
   READ 3310. Inclusive 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 minimum grade of B is required to meet degree requirements for licensure and practitioner candidates.

   Change: Update course name.

Course Additions:

1. CUED 3500. Classroom Design and Management for Elementary
   Lec. 3. Credit 3.
   Inclusive lesson planning and teaching practices. Emphasis placed on Universal Design for Learning, Social Emotional Learning, classroom management and behavior, and trauma-informed practices.

2. CUED 3505. Classroom Design and Management for Secondary
   Lec. 3. Credit 3.
   Inclusive lesson planning and teaching practices. Emphasis placed on Universal Design for Learning, Social Emotional Learning, classroom management and behavior, and trauma-informed practices.

3. CUED 4600. Capstone Field Placement & Seminar Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Supervised work experiences in public schools stressing the translation of theory and strategies into practice. A minimum grade of B is required to meet degree requirements for licensure candidates. Field experience embedded into course.

4. CUED 4725. Data, Assessment, & Evaluation Lec. 3. Credit 3. Prepares teacher candidates to interpret data and apply effective assessment and evaluation in the PreK-12 classroom.

5. ECED 3150. Science and Social Studies for the Young Child Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Methods and techniques for teaching science and social studies to children PreK-3. Emphasis on inquiry methods and integration of curriculum for diverse learners. A minimum grade of B is required to meet degree requirements for licensure and practitioner candidates.

6. ECSP 4875. Application of Learning Lec. 3 Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Connecting theory to practice, reflective teaching, learning segment design, and data collection and analysis. A minimum grade of B is required to meet degree requirements for licensure candidates.

7. ECSP 4900. Residency Credit 10.
Prerequisite: ECSP 4875; Full admission to the Teacher Education Program. Corequisite: ECSP 4925. Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice. A minimum grade of B is required to meet degree requirements for licensure candidates.

8. ECSP 4925. Application of Teaching Credit 2.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: ECSP 4900. Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice.

9. ELED 3142. Teaching of Social Studies Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: ELED 3152, ELED 4142, FOED 3800. Prepares pre-service teachers to be able to effectively engage diverse populations of K-5 students with social studies content in reading, writing,

speaking and listening. An emphasis will be placed on teaching practices that develop students' critical thinking skills, specifically historical thinking and inquiry. A minimum grade of B is required to meet degree requirements for licensure candidates.

10. ELED 3155. Foundational Mathematics Methods Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Comprehensive exploration of identifying and implementing high-quality instructional materials and effective strategies tailored for teaching mathematics in K–2 classrooms. Research-based teaching methods and techniques, special emphasis on inquiry-based approaches to enrich problem-solving and critical thinking abilities among diverse learners. A minimum grade of B is required to meet degree requirements for licensure candidates.

11. ELED 4875. Application of Learning Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Develop engaging strategies that support and meet the needs of all learners. Identify and learn to implement engaging strategies related to students' developmental, cultural, and socioeconomic factors. A minimum grade of B is required to meet degree requirements for licensure candidates.

12. ELED 4900. Residency Credit 10.
Prerequisite: ELED 4875; Full admission to the Teacher Education Program. Corequisite: ELED 4925. Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice. A minimum grade of B is required to meet degree requirements for licensure candidates.

13. ELED 4925.Application of Teaching Credit 2.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: ELED 4900. Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice.

14. FOED 2050. Education and Technology Lec. 3. Credit 3.
An overview of school in America, the role and responsibility of the teacher, and an introduction to instructional technology principles and practices. Observation and discussion of authentic educational settings appropriate for licensure area(s). A minimum grade of B is required to meet degree requirements for licensure candidates.

15. FOED 3880. Field Experiences in ECSP Lab. 2-6. Credit 1-3.
Prerequisite: Full admission to the Teacher Education Program. Supervised teaching of integrated learning experiences with emphasis on developmentally appropriate approaches for young children with special needs, individualized teaching strategies, management, and inclusive environments. A minimum grade of B is required to meet degree requirements for licensure and practitioner candidates.

16. READ 3320. Literacy Methods Lec. 6. Credit 6.
Prerequisite: Full admission to the Teacher Education Program. Essential concepts and instructional strategies for teaching literacy to young children in kindergarten through 2nd grade. Science of reading, foundational literacy skills, literacy assessments, and language development. Effective instructional methods and strategies, such as structured literacy instruction and universal design for learning. A minimum grade of B is required to meet degree requirements for licensure candidates.

17. READ 3325. Advanced Literacy Methods Lec. 3. Credit 3.
Prerequisite: READ 3320; Full admission to the Teacher Education Program. Advanced literacy strategies and methods tailored to children in grades 3-5. Theories in literacy instruction, multisyllabic word reading, advanced vocabulary development, comprehension, morphology, decoding, and orthography. Explore language elements such as pragmatics, semantic roles, syntax, discourse, and grammar. A minimum grade of B is required to meet degree requirements for licensure candidates.

18. READ 3330. Inclusive Emergent Literacy Lec. 3. Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Study in emergent literacy learning (birth through age 5) combines research, 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 minimum grade of B is required to meet degree requirements for licensure and practitioner candidates.

19. READ 3335. Literacy for Exceptional Learners Lec. 3. Credit 3.
Prerequisite: READ 3320; Full admission to the Teacher Education Program. Integrates language development, communication skills, the five main components of reading, writing, reading and writing in the content areas, evaluation and selection of high-quality instructional literacy resources, and research-based instructional methods appropriate for all students, including students with special learning needs. A minimum grade of B is required to meet degree requirements for licensure candidates.

20. SEED 4850. Application of Learning Credit 5. Prerequisite: Full admission to the Teacher Education Program. Develop engaging strategies that support and meet the needs of all learners. Identify and learn to implement engaging strategies related to students' developmental, cultural, and socioeconomic factors. A minimum grade of B is required to meet requirements for licensure candidates.

21. SEED 4900. Residency Credit 10. Prerequisite: SEED 4850; Full admission to the Teacher Education Program. Corequisite: SEED 4925. Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice. A minimum grade of B is required to meet degree requirements for licensure candidates.

22. SEED 4925. Application of Teaching Credit 2. Prerequisite: Full admission to the Teacher Education Program. Corequisite: SEED 4900. Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice.

23. SPED 3015. Applying Universal Learning Principles Lec. 2. Credit 2. Prerequisite: SPED 2010. Investigating research and evidence-based strategies for improving student outcomes through universally designed instruction, environments, and assessments. Topics include affective, social, environmental, and neurological aspects of learning; and designing and implementing accessible and equitable instruction and assessments.

24. SPED 3025. Comprehensive Disabilities Lec. 4. Credit 4. Prerequisite: SPED 3015; Full admission to the Teacher Education Program. Corequisite: FOED 3850. Intensive study into the various types of disabilities that fall within the range of moderate to severe disabilities. Explore a broad range of research-based teaching strategies and techniques for this population. Additional emphasis is placed on core components that serve students who receive special education services with moderate to severe disabilities. A minimum grade of B is required to meet degree requirements for licensure candidates.

25. SPED 4155. Collaborative Practices Lec. 2. Credit 2. Prerequisite: SPED 3015; Full admission to the Teacher Education Program. Concepts of co-teaching and collaborative relationships in the school-setting. A focus will be placed on best co-teaching practices, relationship development with professionals and families, and how collaborative relationships can be used to improve student learning and

outcomes. A minimum grade of B is required to meet degree requirements for licensure candidates.

26. SPED 4875. Application of Learning Credit 3.
Prerequisite: Full admission to the Teacher Education Program. Gain factual knowledge concerning evaluation, assessment and measurement and how they are interrelated and how assessment drives curriculum. Examine authentic and curriculum-based measurements including modifying existing assessments or creating assessments, including formative and summative assessments. Knowledge and skills in the administration and interpretation of educational assessment instruments used in the evaluation of persons with disabilities. A minimum grade of B is required to meet degree requirements for licensure candidates.

27. SPED 4900. Residency Credit 10.
Prerequisite: SPED 4875; Full admission to the Teacher Education Program. Corequisite: SPED 4925. Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice. A minimum grade of B is required to meet degree requirements for licensure candidates.

28. SPED 4925. Application of Teaching Credit 2.
Prerequisite: Full admission to the Teacher Education Program. Corequisite: SPED 4900. Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice.

Justification: Changes due to new State of TN Residency requirements.

Financial Impact: None

Effective Date: Fall 2024

Motion to approve*. Julie Baker*
Second*. Lisa Zagumny*
Vote*. Motion carried.*

C. Curriculum/Catalog Changes – Effective Fall 2024

1. **Early Childhood Education, Pre-K-3, B.S.**
   Note: This is the proposed name change for this concentration (memo dated 10/24/2023 for the 2/22/2024 UCC meeting).

   a. **First Semester Freshman Year**

   From:
   FOED 1820. Introductory Field Experience (credit 1) **OR**
   FOED 1822. Introductory Field Experience & Orientation (credit 1)

   FOED 2011. Introduction to Teaching and Technology (credit 2)

   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 credits: 15

   To:
   FOED 2050. Title (credit 3)
   Natural Sciences (BIOL) (credit 3-4)

   Total credits: 15-16

   b. **Second Semester Freshman Year**

   From:
   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 credits: 15

   To:
   Natural Sciences (non-BIOL) (credit 3-4)

   Total credits: 15-16

c. **First Semester Sophomore Year**

From:

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)

To:

Advisor Guided Electives (credit 3)
Humanities/Fine Arts Elective (Gen Ed) (credit 3)
Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

d. **Second Semester Sophomore Year**

From:

MUS 1074. Music to Meet Exceptional Education Needs (credit 1)
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 credits: 16

To:

Advisor Guided Elective (credit 1)
Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

Total credits: 13

e. **Second Semester Junior Year**

From:

ECED 3301. Math, Science, Social Studies for the Young Child (credit 7)
ESLP 4100(5100). ESL Methods and Materials for PreK-12 (credit 3)

Total credits: 18

To:

ECED 3150. Science & Social Studies for the Young Child (credit 3)
ELED 3155. Foundational Mathematics Methods (credit 3)
READ 3330. Inclusive Emergent Literacy (credit 3)

Total credits: 17

f. First Semester Senior Year

From:

ECSP 4871. Residency I (credit 5)
ECSP 4872. Professional Seminar I (credit 5)
SPED 4300. Individualized Educational Planning (credit 2)

Total credits: 12

To:

ECSP 4500. Supportive Interactions & Environments (credit 3)
ECSP 4875. Application of Learning (credit 3)
ESLP 4100(5100). ESL Methods and Materials for PreK-12 (credit 3)
FOED 3880. Field Experiences in ECSP (credit 1-3, 2 credits required)
SPED 4400. Individualized Student Planning (credit 3)

Total credits: 14

g. Second Semester Senior Year

From:

ECSP 4881. Residency II (credit 10)
ECSP 4882. Professional Seminar II (credit 2)

To:

ECSP 4900. Residency (credit 10)
ECSP 4925. Application of Teaching (credit 2)

h. Add the following note to this PoS:

Note: Natural Science courses may be 3 or 4 credit hours. Three credit hour Natural Science concept courses are recommended. A minimum of eight credit (8) hours is required.

2. **Early Childhood Education, Birth-K, B.S.**

Note: This is the proposed name change for this concentration (memo dated 10/24/2023 for the 2/22/2024 UCC meeting).

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) **OR**
FOED 1822. Introductory Field Experience & Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

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 credits: 15

To:

FOED 2050. Education and Technology (credit 3)
Natural Sciences (BIOL) (credit 3-4)

Total credits: 15-16

b. **Second Semester Freshman Year**

From:

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 credits: 15

To:

Natural Sciences (non-BIOL) (credit 3)

Total credits: 15-16

c. **First Semester Sophomore Year**

From:

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)

To:

Advisor Guided Electives (credit 3)
Humanities/Fine Arts Elective (Gen Ed) (credit 3)
Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

d. **Second Semester Sophomore Year**

From:

MUS 1074. Music to Meet Exceptional Education Needs (credit 1)
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 credits: 16

To:

Advisor Guided Elective (credit 1)
Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

Total credits: 13

e. **Second Semester Junior Year**

From:

ECED 3600. Families, Communities, & Professionals (credit 2)

Total credits: 17

To:

READ 3330. Inclusive Emergent Literacy (credit 3)

Total credits: 18

f. **First Semester Senior Year**

From:

ECSP 4871. Residency I (credit 5)

ECSP 4872. Professional Seminar I (credit 5)

To:

ECED 3600. Families, Communities, & Professionals (credit 2)

ECSP 4500. Supportive Interactions and Environments (credit 3)

ECSP 4875. Application of Learning (credit 3)

FOED 3880. Field Experiences in ECSP (credit 1-3, 2 credits required)

g. **Second Semester Senior Year**

From:

ECSP 4881. Residency II (credit 10)

ECSP 4882. Professional Seminar II (credit 2)

To:

ECSP 4900. Residency (credit 10)

ECSP 4925. Application of Teaching (credit 2)

h. **Add the following note to this PoS:**

Note: Natural Science courses may be 3 or 4 credit hours. Three credit hour Natural Science concept courses are recommended. A minimum of eight credit (8) hours is required.

3. **Early Childhood Practitioner, B.S.**
   a. **First Semester Freshman Year**

      From:

      FOED 1820. Introductory Field Experience (credit 1) **OR**
      FOED 1822. Introductory Field Experience & Orientation (credit 1)

      FOED 2011. Introduction to Teaching and Technology (credit 2)

      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 credits: 15

      To:

      FOED 2050. Education and Technology (credit 3)
      Natural Sciences (BIOL) (credit 3-4)

      Total credits: 15-16

   b. **Second Semester Freshman Year**

      From:

      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 credits: 15

      To:

      Natural Sciences (non-BIOL) (credit 3-4)

      Total credits: 15-16

c. **First Semester Sophomore Year**

From:

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)

To:

Advisor Guided Electives (credit 3)
Humanities/Fine Arts Elective (Gen Ed) (credit 3)
Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

d. **Second Semester Sophomore Year**

From:

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 credits: 15

To:

Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

Total credits: 12

e. **First Semester Junior Year**

From:

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

Total credits: 17

To:

ECED 4290(5290)-Community Connections (credit 3)

Total credits: 14

f. **Second Semester Junior Year**

From:

ECED 3600. Families, Communities, and Professionals (credit 2)
ECED 4290(5290). Community Connections (credit 3)
ESLP 4100(5100). ESL Methodology and Materials for PreK-12 (credit 3)

Total credits: 16

To:

ECED 4261-Early Childhood Advocacy & Leadership (credit 6-8, 7 credits required)
READ 3330-Inclusive Emergent Literacy (credit 3)

Total credits: 18

g. **Add the following note to this PoS:**

Note: Natural Science courses may be 3 or 4 credit hours. Three credit hour Natural Science concept courses are recommended. A minimum of eight credit (8) hours is required.

4. **Elementary Education, B.S.**

a. **First Semester Freshman Year**

From:

BIOL 1080. Concepts of Biology (credit 3)

FOED 1820. Introductory Field Experience (credit 1) **OR**
FOED 1822. Introductory Field Experience & Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)
HIST 2010. Early United States History (credit 3)

Total credits: 15

To:

FOED 2050. Education and Technology (credit 3)
Humanities/Fine Arts Elective (Gen Ed) (credit 3)
Natural Sciences (BIOL) (credit 3-4)

Total credits: 15-16

b. Second Semester Freshman Year

From:

CHEM 1310. Concepts of Chemistry (credit 3)
HIST 2020. Modern United States History (credit 3)

Total credits: 15

To:

Natural Sciences (non-BIOL) (credit 3-4)
Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

Total credits: 15-16

c. First Semester Sophomore Year

From:

Humanities/Fine Arts Elective (Gen Ed) (credit 3)
HEC 3500. Development: Middle Childhood/Adolescence (credit 3)
PHYS 1310. Concepts of Physics (credit 3)

Total credits: 15

To:

CUED 3500. Clsrm Design & Management for ELED (credit 3)
HIST 2010. Early United States History (credit 3)
Natural Sciences (credit 3-4)

Total credits: 15-16

d. Second Semester Sophomore Year

From:

GEOL 1070. Concepts of Geology (credit 3)
Social/Behavioral Sciences (Gen Ed) (credit 3)

To:

FOED 3010. Integrating Instructional Technology into the Classroom (credit 3)
HIST 2020. Modern United States History (credit 3)

e. First Semester Junior Year

From:

CUED 4700. Educational Data and Assessment (credit 2)
READ 3311. Literacy I (credit 7)

To:

ELED 3155. Foundational Mathematics Methods (credit 3)

READ 3320. Literacy Methods (credit 6)

f. Second Semester Junior Year

From:

ELED 3140. Teaching of Social Studies (credit 2)

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

Elective (credit 2)

Total credits: 18

To:

ELED 3142. Teaching of Social Studies (credit 3)

Total credits: 14

g. First Semester Senior Year

From:

CUED 4800. Student Engagement (credit 3)

ELED 4871. Residency I (credit 5)

ELED 4872. Professional Seminar I (credit 5)

Total credits: 13

To:

Advisor Guided Electives (credit 2)

CUED 4800. Student Engagement (credit 3) **OR**

CUED 4600. Capstone Field Placement & Seminar (credit 3)

ELED 4875. Application of Learning (credit 3)

READ 3325. Advanced Literacy Methods (credit 3)

Total credits: 14

h. Second Semester Senior Year

From:

ELED 4881. Residency II (credit 10)

ELED 4882. Professional Seminar II (credit 2)

To:
ELED 4900. Residency (credit 10)
ELED 4925. Application of Teaching (credit 2)

i. **Add the following note to this PoS:**
Note: Natural Science courses may be 3 or 4 credit hours. Three credit hour Natural Science concept courses are recommended. A minimum of twelve credit (12) hours is required.

5. **Multidisciplinary Studies, English as a Second Language Concentration, B.S.**
   a. **First Semester Freshman Year**
   From:
   FOED 1820. Introductory Field Experience (credit 1) **OR**
   FOED 1822. Introductory Field Experience & Orientation (credit 1)

   FOED 2011. Introduction to Teaching and Technology (credit 2)
   Natural Sciences (Gen Ed) (credit 4)

   Total credits: 16

   To:
   FOED 2050. Education and Technology (credit 3)
   Natural Sciences (Gen Ed) (credit 3-4)

   Total credits: 15-16

   b. **Second Semester Freshman Year**
   From:
   Natural Sciences (Gen Ed) (credit 4)

   Total credits: 16

   To:
   Natural Sciences (Gen Ed) (credit 3-4)

   Total credits: 15-16

   c. **First Semester Sophomore Year**
   From:
   FOED 3010. Integrating Instructional Technology into the Classroom (credit 3)
   To:
   Advisor Guided Electives (credit 3)

d. **First Semester Junior Year**

From:

READ 3315. Foundations of Literacy for Exceptional Learners (credit 7)

Total credits: 18

To:

READ 3320. Literacy Methods (credit 6)

Total credits: 17

e. **Second Semester Junior Year**

From:

Elective (credit 1)

SPED 3050. Universal Design for Special Education (credit 5)

Total credits: 16

To:

Elective (credit 2)

READ 3335. Literacy for Exceptional Learners (credit 3)

SPED 3015. Applying Universal Learning Principles (credit 2)

Total credits: 17

f. **First Semester Senior Year**

From:

CUED 4700. Educational Data and Assessment (credit 2)

ELED 4871. Residency I (credit 5)

ELED 4872. Professional Seminar I (credit 5)

To:

Advisor Guided Electives (credit 3)

CUED 4725. Data, Assessment, & Evaluation (credit 3)

ELED 4875. Application of Learning (credit 3)

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

g. **Second Semester Senior Year**

From:

ELED 4881. Residency II (credit 10)

ELED 4882. Professional Seminar II (credit 2)

To:

ELED 4900. Residency (credit 10)

ELED 4925. Application of Teaching (credit 2)

h. **Add the following note to this PoS:**

Note: Natural Science courses may be 3 or 4 credit hours. Three credit hour Natural Science concept courses are recommended. A minimum of eight credit (8) hours is required.

6. **Multidisciplinary Studies, Generalist, B.S.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) **OR**

FOED 1822. Introductory Field Experience & Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

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

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) **OR**

FOED 1822. Introductory Field Experience & Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. **First Semester Sophomore Year**

From:

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

Total credits: 18

To:

Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

Total credits: 15

c. **Second Semester Sophomore Year**

From:

Elective (credit 3)

HEC 3500. Development: Middle Childhood/Adolescence (credit 3)

To:

CUED 3505. Clsrm Design & Management for Secondary (credit 3)

Social/Behavioral Sciences Elective (Gen Ed) (credit 3)

d. **First Semester Junior Year**

From:

CUED 4700. Educational Data and Assessment (credit 2)

Total credits: 15

To:

CUED 4725. Data, Assessment, & Evaluation (credit 3)

Total credits: 16

e. **First Semester Senior Year**

From:

SEED 4871. Residency I (credit 5)

SEED 4872. Professional Seminar I (credit 5)

Total credits: 13

To:

CUED 4150. Middle Level Curriculum (credit 3)

Elective (credit 4)

SEED 4850. Application of Learning (credit 5)

Total credits: 15

f. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

8. **Multidisciplinary Studies, Middle School English, 6-8 Concentration, B.S.**

   a. **First Semester Freshman Year**

   From:

   FOED 1820. Introductory Field Experience (credit 1) **OR**
   FOED 1822. Introductory Field Experience & Orientation (credit 1)

   FOED 2011. Introduction to Teaching and Technology (credit 2)

   To:

   FOED 2050. Education and Technology (credit 3)

   b. **First Semester Sophomore Year**

   From:

   PSY 2210. Educational Psychology (credit 3) **OR**
   HEC 3500. Development: Middle Childhood/Adolescence (credit 3)

   To:

   CUED 3505. Clsrm Design & Management for Secondary (credit 3)

   c. **First Semester Junior Year**

   From:

   CUED 4700. Educational Data and Assessment (credit 2)
   READ 4570(5750). Young Adult Literature (credit 3)

   Total credits: 17

   To:

   CUED 4725. Data, Assessment, & Evaluation (credit 3)

   Total credits: 15

   d. **First Semester Senior Year**

   From:

   SEED 4871. Residency I (credit 5)
   SEED 4872. Professional Seminar I (credit 5)

   Total credits: 13

   To:

   Advisor Guided Electives (credit 4)
   READ 4570(5570). Young Adult Literature (credit 3)
   SEED 4850. Application of Learning (credit 5)

Total credits: 15

e. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

9. **Multidisciplinary Studies, Middle School Math, 6-8 Concentration, B.S.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) **OR**

FOED 1822. Introductory Field Experience & Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. **Second Semester Sophomore Year**

From:

HEC 3500. Development: Middle Childhood/Adolescence (credit 3) OR

PSY 2210. Educational Psychology (credit 3)

To:

CUED 3505. Clsrm Design & Management for Secondary (credit 3)

c. **First Semester Junior Year**

From:

CUED 4700. Educational Data and Assessment (credit 2)

Total credits: 15

To:

CUED 4725. Data, Assessment, & Evaluation (credit 3)

Total credits: 16

d. **Second Semester Junior Year**

From:

Elective (credit 1)

Total credits: 15

To:

Total credits: 14

e. **First Semester Senior Year**

From:

SEED 4871. Residency I (credit 5)

SEED 4872. Professional Seminar I (credit 5)

To:

Advisor Guided Electives (credit 5)

SEED 4850. Application of Learning (credit 5)

f. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

10. **Multidisciplinary Studies, Middle School Science, 6-8 Concentration, B.S.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) **OR**

FOED 1822. Introductory Field Experience & Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. **First Semester Junior Year**

From:

CUED 4700. Educational Data and Assessment (credit 2)

Elective (credit 2)

To:

CUED 4725. Data, Assessment, & Evaluation (credit 3)

Elective (credit 1)

c. **Second Semester Junior Year**

From:

HEC 3500. Development: Middle Childhood/Adolescence (credit 3)

To:

CUED 3505. Clsrm Design & Management for Secondary (credit 3)

d. **First Semester Senior Year**

From:

SEED 4871. Residency I (credit 5)

SEED 4872. Professional Seminar I (credit 5)

To:

Advisor Guided Electives (credit 3)

FOED 3860. Field Experiences in Education (credit 1-3; 2 credit hours required)

SEED 4850. Application of Learning (credit 5)

e. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

11. **Multidisciplinary Studies, Middle School Social Studies, 6-8 Concentration, B.S.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) **OR**

FOED 1822. Introductory Field Experience & Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. First Semester Junior Year

From:

CUED 4700. Educational Data and Assessment (credit 2)

HEC 3500. Development: Middle Childhood/Adolescence (credit 3) OR
PSY 2210. Educational Psychology (credit 3)

Total credits: 17

To:

CUED 3505. Clsrm Design & Management for Secondary (credit 3)
CUED 4725. Data, Assessment, & Evaluation (credit 3)

Total credits: 18

c. First Semester Senior Year

From:

SEED 4871. Residency I (credit 5)
SEED 4872. Professional Seminar I (credit 5)

Total credits: 13

To:

Advisor Guided Electives (credit 4)
SEED 4850. Application of Learning (credit 5)

Total credits: 12

d. Second Semester Senior Year

From:

SEED 4881. Residency II (credit 10)
SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)
SEED 4925. Application of Teaching (credit 2)

12. **Special Education Practitioner, B.S.**
    a. **Freshman Year**

    From:

    BIOL 1080. Concepts of Biology (credit 3)
    CHEM 1310. Concepts of Chemistry (credit 3)

    FOED 1820. Introductory Field Experience (credit 1) **OR**
    FOED 1822. Introductory Field Experience and Orientation (credit 1)

    FOED 2011. Introduction to Teaching and Technology (credit 2)

    Total credits: 30

    To:

    FOED 2050. Education and Technology (credit 3)
    Natural Sciences (Gen Ed) (credit 3-4)

    Total credits: 27-28

    b. **Sophomore Year**

    From:

    GEOL 1070. Concepts of Geology (credit 3)

    HEC 2200. Development of Young Children: Conception to age 6 (credit 3) **OR**
    HEC 3500. Development: Middle Childhood/Adolescence (credit 3)

    Total credits: 30

    To:

    Electives (credit 4)
    Natural Sciences (Gen Ed) (credit 3-4)

    Total credits: 31-32

    c. **Add the following note to this PoS:**

    Note: Natural Science courses may be 3 or 4 credit hours. Three credit hour Natural Science concept courses are recommended. A minimum of eight credit (8) hours is required.

13. **Special Education, Comprehensive/Interventionist Concentration, B.S.**
    a. **First Semester Freshman Year**

    From:

    BIOL 1018. Concepts of Biology (credit 3)

    FOED 1820. Introductory Field Experience (credit 1) **OR**
    FOED 1822. Introductory Field Experience and Orientation (credit 1)

    FOED 2011. Introduction to Teaching and Technology (credit 2)

    Total credits: 15

    To:

    FOED 2050. Education and Technology (credit 3)
    Natural Sciences (Gen Ed) (credit 3-4)

    Total credits: 15-16

    b. **Second Semester Freshman Year**

    From:

    CHEM 1310. Concepts of Chemistry (credit 3)

    Total credits: 18

    To:

    Total credits: 15

    c. **First Semester Sophomore Year**

    From:

    PHYS 1310. Concepts of Physics (credit 3)

    Total credits: 15

    To:

    Natural Sciences (Gen Ed) (credit 3-4)

    Total credits: 15-16

d. Second Semester Sophomore Year

From:

MUS 1074. Music to Meet Exceptional Education Needs (credit 1)
SPED 3050. Universal Design for Special Education (credit 5)

Total credits: 15

To:

CUED 3500. Classrm Design & Mangmt for Elementary (credit 3)
SPED 3015. Applying Universal Learning Principles (credit 2)

Total credits: 14

e. First Semester Junior Year

From:

READ 3315. Foundations of Literacy for Exceptional Learners (credit 7)
SPED 4200. Teaching Students w/Autism Spectrum Disorders (credit 3)

Total credits: 18

To:

ELED 3155. Foundational Mathematics Methods (credit 3)
READ 3320. Literacy Methods (credit 6)

Total credits: 17

f. Second Semester Junior Year

From:

CUED 4700. Educational Data & Assessment (credit 2)
FOED 3850. Field Experiences in SPED (credit 1-3, 3 credits required)
SPED 3020. Characteristics & Needs of Persons w/Comp Disb (credit 3)
SPED 3030. The Education of Persons w/Learning Disb (credit 3)
SPED 4400. Individualized Student Planning (credit 3)

To:

ELED 3152. Teaching of Mathematics (credit 3)
ELED 4142. Teaching of Science (credit 3)
READ 3335. Literacy for Exceptional Learners (credit 3)
SPED 4155. Collaborative Practices (credit 2)
SPED 4200. Tchng Students w/Autism Spectrum Disorders (credit 3)

g. **First Semester Senior Year**

From:

SPED 4100. Collaboration & Inclusive Practice (credit 3)
SPED 4871. Residency I (credit 5)
SPED 4872. Professional Seminar I (credit 5)

Total credit: 13

To:

FOED 3850. Field Experiences in SPED (credit 1-3, 3 credits required)
SPED 3025. Comprehensive Disabilities (credit 4)
SPED 3030. The Education of Persons w/Learning Disabilities (credit 3)
SPED 4400. Individualized Student Planning (credit 3)
SPED 4875. Application of Learning (credit 3)

Total credit: 16

h. **Second Semester Senior Year**

From:

SPED 4881. Residency II (credit 10)
SPED 4882. Professional Seminar II (credit 2)

To:

SPED 4900. Residency (credit 10)
SPED 4925. Application of Teaching (credit 2)

i. **Add the following note to this PoS:**

Note: Natural Science courses may be 3 or 4 credit hours. Three credit hour Natural Science concept courses are recommended. A minimum of eight credit (8) hours is required.

14. **Special Education Interventionist for Secondary Education Concentration, B.S**

a. **First Semester Freshman Year**

From:

BIOL 1080. Concepts of Biology (credit 3)

FOED 1820. Introductory Field Experience (credit 1) OR
FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

Total credits: 15

To:
FOED 2050. Education and Technology (credit 3)
Natural Sciences (Gen Ed) (credit 4)

Total credits: 16

b. Second Semester Freshman Year
From:
CHEM 1310. Concepts of Chemistry (credit 3)

Total credits: 18

To:
Total credits: 15

c. First Semester Sophomore Year
From:
PHYS 1310. Concepts of Physics (credit 3)

Total credits: 15

To:
Natural Sciences (Gen Ed) (credit 4)

Total credits: 16

d. Second Semester Sophomore Year
From:
SPED 3050. Universal Design for Special Education (credit 5)

To:
CUED 3505. Classroom Design & Mangmt for Secondary (credit 3)
SPED 3015. Applying Universal Learning Principles (credit 2)

e. First Semester Junior Year
From:
SPED 4200. Teaching Students w/Autism Spectrum Disorders (credit 3)
Advisor Guided Electives (credit 3)

Total credits: 15

To:

Advisor Guided Electives (credit 7)

Total credits: 16

f. **Second Semester Junior Year**

From:

CUED 4700. Educational Data & Assessment (credit 2)
FOED 3850. Field Experiences in SPED (credit 1-3, 3 credits required)
SPED 3030. The Education of Persons w/Learning Disabilities (credit 3)
SPED 4400. Individualized Student Planning (credit 3)
Advisor Guided Electives (credit 4)

Total credits: 15

To:

CUED 4725. Data, Assessment, & Evaluation (credit 3)
SPED 4100. Collaboration & Inclusive Practice (credit 3)
SPED 4200. Teaching Students w/Autism Spectrum Disorders (credit 3)
Advisor Guided Electives (credit 7)

Total credits: 16

g. **First Semester Senior Year**

From:

SPED 4100. Collaboration & Inclusive Practice (credit 3)
SPED 4871. Residency I (credit 5)
SPED 4872. Professional Seminar (credit 5)

Total credits: 13

To:

FOED 3850. Field Experiences in SPED (credit 1-3, 3 credits required)
SPED 3030. The Education of Persons w/Learning Disabilities (credit 3)
SPED 4400. Individualized Student Planning (credit 3)
SPED 4875. Application of Learning (credit 3)

Total credits: 12

h. **First Semester Senior Year**

From:

SPED 4881. Residency II (credit 10)

SPED 4882. Professional Seminar II (credit 2)

To:

SPED 4900. Residency (credit 10)

SPED 4925. Application of Teaching (credit 2)

15. **Secondary Education, English Concentration, B.S. ED.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) OR

FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. **First Semester Senior Year**

From:

SEED 4871. Residency I (credit 5)

SEED 4872. Professional Seminar I (credit 5)

To:

Advisor Guided Electives (credit 3)

FOED 3860. Field Experiences in Education (credit 1-3, 2 credits required)

SEED 4850. Application of Learning (credit 5)

c. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

16. **Secondary Education, French Concentration, B.S. ED.**
    a. **First Semester Freshman Year**

    From:

    FOED 1820. Introductory Field Experience (credit 1) OR
    FOED 1822. Introductory Field Experience and Orientation (credit 1)

    FOED 2011. Introduction to Teaching and Technology (credit 2)

    To:

    FOED 2050. Education and Technology (credit 3)

    b. **First Semester Senior Year**

    From:

    SEED 4871. Residency I (credit 5)
    SEED 4872. Professional Seminar I (credit 5)

    To:

    Advisor Guided Electives (credit 5)
    SEED 4850. Application of Learning (credit 5)

    c. **Second Semester Senior Year**

    From:

    SEED 4881. Residency II (credit 10)
    SEED 4882. Professional Seminar II (credit 2)

    To:

    SEED 4900. Residency (credit 10)
    SEED 4925. Application of Teaching (credit 2)

17. **Secondary Education, German Concentration, B.S. ED.**
    a. **First Semester Freshman Year**

    From:

    FOED 1820. Introductory Field Experience (credit 1) OR
    FOED 1822. Introductory Field Experience and Orientation (credit 1)

    FOED 2011. Introduction to Teaching and Technology (credit 2)

    To:

    FOED 2050. Education and Technology (credit 3)

b. First Semester Senior Year

From:

SEED 4871. Residency I (credit 5)

SEED 4872. Professional Seminar I (credit 5)

To:

Advisor Guided Electives (credit 5)

SEED 4850. Application of Learning (credit 5)

c. Second Semester Senior Year

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

18. Secondary Education, Mathematics Concentration, B.S. ED.

a. First Semester Freshman Year

From:

FOED 1820. Introductory Field Experience (credit 1) OR

FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

Total credits: 14

To:

COMM 2025. Fundamentals of Communication (credit 3) OR

PC 2500. Communicating in the Professions (credit 3)

FOED 2050. Education and Technology (credit 3)

Total credits: 17

b. First Semester Sophomore Year

From:

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

To:

CUED 3505. Classrm Design & Management for Secondary (credit 3)

c. First Semester Junior Year

From:

MATH 4210(5210). Numerical Analysis I (credit 3)
SEED 4422(5422). Teaching Secondary Math using Technology (credit 3)

To:

FOED 3010. Integrating Instructional Technology into the Classroom (credit 3)
SEED 4322(5322). Teaching Algebra in Mid/High Sch (credit 3)

d. Second Semester Junior Year

From:

COMM 2025. Fundamentals of Communication (credit 3) **OR**
PC 2500. Communicating in the Professions (credit 3)

MATH 4010(5010). Modern Algebra I (credit 3) **OR**
MATH 4050(5050). Number Theory (credit 3) **OR**
MATH 4350(5350). Introductory Combinatorics (credit 3) **OR**
MATH 4360(5360). Graph Theory (credit 3)

Total credits: 17

To:

MATH 4650. Algebra for Sec Math Teaching (credit 3)

Total credits: 14

e. First Semester Senior Year

From:

SEED 4322(5322). Teaching Algebra in Mid/High Sch (credit 3)
SEED 4871. Residency I
SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 2)

SEED 4422(5422). Teaching Sec. Math using Tech (credit 3)

SEED 4850. Application of Learning (credit 5)

f. Second Semester Senior Year

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

19. Secondary Education, Non-Licensure Concentration, B.S.ED.

a. First Semester Freshman Year

From:

FOED 1820. Introductory Field Experience (credit 1) OR

FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

20. Secondary Education, Spanish Concentration, B.S.ED.

a. First Semester Freshman Year

From:

FOED 1820. Introductory Field Experience (credit 1) OR

FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. First Semester Senior Year

From:

SEED 4871. Residency I

SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 5)

SEED 4850. Application of Learning (credit 5)

c. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

21. **Secondary Education, Speech Communication & Theatre Concentration, B.S.ED.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) OR

FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. **First Semester Senior Year**

From:

SEED 4871. Residency I

SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 5)

SEED 4850. Application of Learning (credit 5)

c. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

22. **Secondary Education, Biology Concentration, B.S.ED.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) OR
FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. **First Semester Senior Year**

From:

SEED 4871. Residency I
SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 3)
FOED 3860. Field Experiences in Education (credit 1-3, 2 credits required)
SEED 4850. Application of Learning (credit 5)

c. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)
SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)
SEED 4925. Application of Teaching (credit 2)

23. **Secondary Education, Chemistry Concentration, B.S.ED.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) OR
FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. First Semester Senior Year

From:

SEED 4871. Residency I

SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 3)

FOED 3860. Field Experiences in Education (credit 1-3, 2 credits required)

SEED 4850. Application of Learning (credit 5)

c. Second Semester Senior Year

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

24. Secondary Education, Earth Science Concentration, B.S.ED.

a. First Semester Freshman Year

From:

FOED 1820. Introductory Field Experience (credit 1) OR

FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. First Semester Senior Year

From:

SEED 4871. Residency I

SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 3)

FOED 3860. Field Experiences in Education (credit 1-3, 2 credits required)

SEED 4850. Application of Learning (credit 5)

c. Second Semester Senior Year

From:

SEED 4881. Residency II (credit 10)
SEED 4882. Professional Seminar II (credit 2)

To:
SEED 4900. Residency (credit 10)
SEED 4925. Application of Teaching (credit 2)

25. **Secondary Education, Physics Concentration, B.S.ED.**
    a. **First Semester Freshman Year**
    From:
    FOED 1820. Introductory Field Experience (credit 1) OR
    FOED 1822. Introductory Field Experience and Orientation (credit 1)

    FOED 2011. Introduction to Teaching and Technology (credit 2)

    To:
    FOED 2050. Education and Technology (credit 3)

    b. **First Semester Senior Year**
    From:
    SEED 4871. Residency I
    SEED 4872. Professional Seminar I

    To:
    Advisor Guided Electives (credit 3)
    FOED 3860. Field Experiences in Education (credit 1-3, 2 credits required)
    SEED 4850. Application of Learning (credit 5)

    c. **Second Semester Senior Year**
    From:
    SEED 4881. Residency II (credit 10)
    SEED 4882. Professional Seminar II (credit 2)

    To:
    SEED 4900. Residency (credit 10)
    SEED 4925. Application of Teaching (credit 2)

26. Secondary Education, Economics Concentration, B.S.ED.

a. First Semester Freshman Year

From:

FOED 1820. Introductory Field Experience (credit 1) OR
FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. First Semester Senior Year

From:

SEED 4871. Residency I
SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 5)
SEED 4850. Application of Learning (credit 5)

c. Second Semester Senior Year

From:

SEED 4881. Residency II (credit 10)
SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)
SEED 4925. Application of Teaching (credit 2)

27. Secondary Education, Geography Concentration, B.S.ED.

a. First Semester Freshman Year

From:

FOED 1820. Introductory Field Experience (credit 1) OR
FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. First Semester Senior Year

From:

SEED 4871. Residency I

SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 5)

SEED 4850. Application of Learning (credit 5)

c. Second Semester Senior Year

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

28. Secondary Education, History Concentration, B.S.ED.

a. First Semester Freshman Year

From:

FOED 1820. Introductory Field Experience (credit 1) OR

FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. First Semester Senior Year

From:

SEED 4871. Residency I

SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 5)

SEED 4850. Application of Learning (credit 5)

c. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

29. **Secondary Education, Political Science Concentration, B.S.ED.**

a. **First Semester Freshman Year**

From:

FOED 1820. Introductory Field Experience (credit 1) OR

FOED 1822. Introductory Field Experience and Orientation (credit 1)

FOED 2011. Introduction to Teaching and Technology (credit 2)

To:

FOED 2050. Education and Technology (credit 3)

b. **First Semester Senior Year**

From:

SEED 4871. Residency I

SEED 4872. Professional Seminar I

To:

Advisor Guided Electives (credit 5)

SEED 4850. Application of Learning (credit 5)

c. **Second Semester Senior Year**

From:

SEED 4881. Residency II (credit 10)

SEED 4882. Professional Seminar II (credit 2)

To:

SEED 4900. Residency (credit 10)

SEED 4925. Application of Teaching (credit 2)

Justification: Changes due to new State of TN Residency requirements.

Effective Date: Fall 2024

Financial Impact: None

Motion to approve*. Julie Baker*
Second*. Lisa Zagumny*
Vote. *Motion carried.*

4. Mechanical Engineering

A. ME Course Additions, Deletions and Changes

COURSE ADDITIONS

1. ME 1010: Mechanical Engineering Fundamentals I
Lec. 2. Lab. 2. Cr. 3. Introduce the mechanical engineering profession through project-based learning. Introduce design, analysis, and experimental thinking, teaming, and engineering communication as professional knowledge, skills, and abilities. Introduce and develop programming knowledge and skill with MATLAB and MS Excel.

JUSTIFICATION
The course is being added to provide a richer first-year experience for ME students. It will focus on professional skills in teamwork, analytical thinking, design thinking, experimental thinking, and communication. The course will foster the students' learning of programming for engineering applications through project-based learning.
IMPACT ON FACULTY: NONE
EFFECTIVE DATE: Fall 2024

2. ME 1015: Engineering Career Readiness
Lec. 1. Lab. 2. Cr. 2. Develop mechanical engineering career readiness through project-based learning. Apply design, analysis, and experimental thinking, teaming, and engineering communication as professional knowledge, skills, and abilities.

JUSTIFICATION
The course is being added to provide a richer first-year experience for ME students. It will focus on professional skills in teamwork, analytical thinking, design thinking, experimental thinking, and communication.

IMPACT ON FACULTY: NONE

3. ME 1020: Mechanical Engineering Fundamentals II

Lec. 2. Lab. 2. Cr. 3. Prerequisites: ME 1010. Advance knowledge, skill, and ability in analysis thinking, design, thinking, teaming, and engineering communication through project-based learning. Introduce and develop parametric solid modeling and graphics knowledge and skill with Solidworks.

JUSTIFICATION

The course is being added to provide a richer first-year experience for ME students. This second course will continue to build the students' professional skills in teamwork, analytical thinking, design thinking, experimental thinking, and communication. The course will foster the students' learning of computer-aided design through project-based learning.

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2024

4. ME 2210: Thermodynamics

Lec. 3. Cr. 3. Prerequisites: CHEM 1110; C or better in MATH 2110. Concepts, models and laws; energy and the first law; properties and state; energy analysis of thermodynamics systems; entropy and the second law; and conventional power and refrigeration cycles.

JUSTIFICATION

Currently this course is listed as ME 3210, to better streamline the curriculum, this course will be placed as the first course in the thermo-fluids sequence and will be offered in the sophomore year, therefore the course number belongs to the 2000-level. There is no change in the content and prerequisites.

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2025

5. ME 3020: Machine Design

Lec. 3. Cr. 3. Prerequisites: CEE 3110, ME 2330 and ME 3010. Loads analysis; design of machine parts for stiffness and rigidity; design of machine parts for strength; design of machine parts for fatigue life; introduction to fastening and joining.

JUSTIFICATION

Currently this course is listed as ME 4010, to better streamline the curriculum, this course will be offered in the junior year, therefore the course number belongs to the 3000-level. There is no change in the content and prerequisites.

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2026

6. ME 3310: Experimental Methods I

Lec. 2. Lab. 2. Cr. 3. Prerequisites: ECE 2050. Introduce and develop experimental methods; sensors and data acquisition techniques for measurement in mechanical systems, structural and fluid applications.

JUSTIFICATION

To better streamline the curriculum, these three lab courses: ME 3023 Measurements (3), ME 3060 DMC Lab (1) and ME 4751 Energy Systems Lab (2) will be replaced by ME 3310 Experimental Methods I (3) and ME 3320 Experimental Methods II (3).

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2026

7. ME 3320: Experimental Methods II

Lec. 2. Lab. 2. Cr. 3. Prerequisites: ME 3310. Advance experimental methods and develop design of experiments; sensors and measurement techniques for structural and thermal mechanical systems.

JUSTIFICATION

To better streamline the curriculum, these three lab courses: ME 3023 Measurements (3), ME 3060 DMC Lab (1) and ME 4751 Energy Systems Lab (2) will be replaced by ME 3310 Experimental Methods I (3) and ME 3320 Experimental Methods II (3).

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2026

8. ME 4230: Intermediate Thermodynamics

Lec. 3. Cr. 3. Prerequisite: ME 2210. Gas power and refrigeration cycle; exergy analysis; real and ideal gas mixtures; combustion and chemical equilibrium.

JUSTIFICATION

Currently this course is listed as ME 3220, to better streamline the curriculum, this course is no longer a required course for the ME curriculum, instead, it will be offered in the senior year as an ME AOE course, therefore the course number belongs to the 4000-level. There is no change in the content and prerequisites.

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2026

COURSE DELETIONS

1. ME 3023: Measurements of Mechanical Systems
   Lec. 2. Lab. 2. Cr. 3. Prerequisites: ECE 2850 (or ECE 2050), PHYS 2120 and CEE 3110 (CEE 3110 may be taken concurrently). Principles of measurement and calibration; basic instrumentation and measurement techniques in mechanical systems.

   JUSTIFICATION
   To better streamline the curriculum, these three lab courses: ME 3023 Measurements (3), ME 3060 DMC Lab (1) and ME 4751 Energy Systems Lab (2) will be replaced by ME 3310 Experimental Methods I (3) and ME 3320 Experimental Methods II (3).

   IMPACT ON FACULTY: NONE

   EFFECTIVE DATE: Fall 2026

2. ME 3060: Dynamics Modeling and Controls Lab
   Lec. 0. Lab. 2. Cr. 1. Corequisite: ME 3050. Experiments and simulations of lumped parameter mechanical systems; time and frequency response; vibration applications; control algorithms.

   JUSTIFICATION
   To better streamline the curriculum, these three lab courses: ME 3023 Measurements (3), ME 3060 DMC Lab (1) and ME 4751 Energy Systems Lab (2) will be replaced by ME 3310 Experimental Methods I (3) and ME 3320 Experimental Methods II (3).

   IMPACT ON FACULTY: NONE

   EFFECTIVE DATE: Fall 2026

3. ME 4751: Energy Systems Lab
   Lec. 1. Lab. 2. Cr. 2. Prerequisites: ME 3023, ME 3710, and ME 3720. Basic instrumentation and principles of measuring pressure, temperature, fluid velocity, and fluid flow rate; demonstrations, measurements, and evaluations of heat transfer and fluid flow processes.

   JUSTIFICATION
   To better streamline the curriculum, these three lab courses: ME 3023 Measurements (3), ME 3060 DMC Lab (1) and ME 4751 Energy Systems Lab (2) will be replaced by ME 3310 Experimental Methods I (3) and ME 3320 Experimental Methods II (3).

   IMPACT ON FACULTY: NONE

   EFFECTIVE DATE: Fall 2027

4. ME 3220: Thermodynamics II

Lec. 3. Lab. 0. Cr. 3. Prerequisite: ME 3210. Gas power and refrigeration cycle; exergy analysis; real and ideal gas mixtures; combustion and chemical equilibrium.

JUSTIFICATION

To better streamline the curriculum, this course is no longer a required course for the ME curriculum, instead, it will be offered in the senior year as an ME AOE course, therefore the course number belongs to the 4000-level. There is no change in the content and prerequisites.

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2026

5. ME 4010: Machine Design

Lec. 3. Lab. 0. Cr. 3. Prerequisites: CEE 3110, ME 2330 and ME 3010. Loads analysis; design of machine parts for stiffness and rigidity; design of machine parts for strength; design of machine parts for fatigue life; introduction to fastening and joining.

JUSTIFICATION

To better streamline the curriculum, this course is no longer a required course for the ME curriculum, instead, it will be offered in the junior year, therefore the course number belongs to the 3000-level. There is no change in the content and prerequisites.

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2026

COURSE CHANGES

1. ME 3050: System Dynamics

Lec. 3. Lab. 0. Cr. 3. Prerequisites: ME 2330, ME 3310 or VE 3500 and ME 3001. Modeling and simulation of lumped parameter systems, mechanical, electrical, thermal, fluid, and/or mixed; time and frequency response; vibration applications; control algorithms.

JUSTIFICATION

Many universities offer essentially the same course and usually it is called System Dynamics. The textbook adopted for the course is titled System Dynamics. To better streamline the ME curriculum, this course title is changed to System Dynamics

IMPACT ON FACULTY: NONE

EFFECTIVE DATE: Fall 2026

II. CURRICULUM CHANGES

A separate memo covers the details of the proposed changes to the BSME, BSME with Vehicle Engineering Concentration, and BSME with Aerospace Engineering Concentration Curricula.

B. **ME Curriculum Changes**

JUSTIFICATION

The curriculum for the BSME, BSME Vehicle Engineering Concentration, and BSME Aerospace Engineering Concentration is being changed to provide a richer first-year experience and lab experience for ME students. The first-year changes will focus on professional skills in teamwork, analytical thinking, design thinking, experimental thinking, and communication. The lab experience changes will begin with adding a lab component to the required circuits course and adopting the same course as ECE majors. Three laboratory courses spread over the third and fourth years will be combined into a two-course sequence in the third year. A second course in Thermodynamics will be removed as a requirement for the degree, and course numbers will be modified to reflect the year the course is expected to be completed.

All of the changes are part of the core curriculum but will also modify the concentrations (presented in detail in the following sections changes in italics).

Note that the BSME with Mechatronics concentration will be modified in a future curriculum change to reflect the changes to BSME core.

1. BSME no Concentration

First Year – First Semester

Current		**Proposed**	
ENGL 1010 Writing I	3	ENGL 1010 Writing I	3
HUFA Humanities Fine Arts 1	3	HUFA Humanities Fine Arts 1	3
MATH 1910 Calculus I	4	MATH 1910 Calculus I	4
CHEM 1110 Gen Chemistry I	4	CHEM 1110 Gen Chemistry I	4
~~*ENGR 1110 Graphics*~~	*2*	*ME 1010 ME Fundamentals I (New)*	*3*
	16		**17**

First Year – Second Semester

Current		**Proposed**	
ENGL 1020 Writing II	3	ENGL 1020 Writing II	3
HUFA2 Humanities Fine Arts 2	3	HUFA2 Humanities Fine Arts 2	3
MATH 1920 Calculus II	4	MATH 1920 Calculus II	4
PHYS 2110 Physics I	4	PHYS 2110 Physics I	4
~~*ENGR 1120 Programming*~~	*2*	*ME 1020 ME Fundamentals II (New)*	*3*
	16		**17**

Second Year – First Semester (No Change)

Current		**Proposed**	
ENGL 2130, 2235 or 2330 Literature	3	ENGL 2130, 2235 or 2330 Literature	3
PHYS 2120 Physics II	4	PHYS 2120 Physics II	4
ME 2910 Prof. & Ethics	1	ME 2910 Prof. & Ethics	1
CEE 2110 Statics	3	CEE 2110 Statics	3
MATH 2010 Matrix Algebra	3	MATH 2010 Matrix Algebra	3
MATH 2120 Diff. Equations	3	MATH 2120 Diff. Equations	3
	17		**17**

Second Year – Second Semester

Current		**Proposed**	
COMM 2025 or PC 2500 Comm	3	COMM 2025 or PC 2500 Comm	3
MATH 2110 Calculus III	4	MATH 2110 Calculus III	4
ME 2330 Dynamics	3	ME 2330 Dynamics	3
~~*ECE 2850 Princ. of Electric Circuit*~~	*3*	*ECE 2050 Circuits & Electronics*	*4*
~~*ME 3010 Materials*~~	*3*	*ME 2210 Thermodynamics*	*3*
	17		**17**

Third Year – First Semester

Current		**Proposed**	
ME 3001 ME Analysis	3	ME 3001 ME Analysis	3
CEE 3110 Mechanics of Materials	3	CEE 3110 Mechanics of Materials	3
ME 3720 Fluid Mechanics	3	ME 3720 Fluid Mechanics	3
~~*ME 3023 Measurements*~~	*3*	*ME 3310 Experimental Methods I (New)*	*3*
~~*ME 3210 Thermodynamics I*~~	*3*	*ME 3010 Materials*	*3*
	15		**15**

Third Year – Second Semester

Current		**Proposed**	
ME 3610 Dynamics of Mach	3	ME 3610 Dynamics of Mach	3
ME 3710 Heat Transfer	3	ME 3710 Heat Transfer	3
~~*ME 4010 Machine Design*~~	*3*	*ME 3020 Machine Design*	*3*
~~*ME 3050 DMC*~~	*3*	*ME 3050 System Dynamics*	*3*
~~*ME 3060 DMC Lab*~~	*1*	*ME 3320 Experimental Methods II (New)*	*3*
~~*ME 3220 Thermodynamics II*~~	*3*		
	16		**15**

Fourth Year – First Semester (No Changes)

Current		**Proposed**	
SBS Social Beh Sciences 1	3	SBS Social Beh Sciences 1	3
AOE 1 (Area of Emphasis)	3	AOE 1 (Area of Emphasis)	3
AOE 2 (Area of Emphasis)	3	AOE 2 (Area of Emphasis)	3
ME 4410 Senior Design I	3	ME 4410 Senior Design I	3
ME 4020 or ME 4720	3	ME 4020 or ME 4720	3
	15		**15**

Fourth Year – Second Semester

Current		**Proposed**	
SBS Social Beh Sciences 2	3	SBS Social Beh Sciences 2	3
AOE 3 (Area of Emphasis)	3	AOE 3 (Area of Emphasis)	3
AOE 4 (Area of Emphasis)	3	AOE 4 (Area of Emphasis)	3
AOE 5 (Area of Emphasis)	3	AOE 5 (Area of Emphasis)	3
ME 4420 Senior Design II	3	ME 4420 Senior Design II	3
~~*ME 4751 Energy Sys Lab*~~	*2*		
	17		**15**

2. BSME Vehicle Engineering Concentration

First Year – First Semester

Current		**Proposed**	
ENGL 1010 Writing I	3	ENGL 1010 Writing I	3
HUFA Humanities Fine Arts 1	3	HUFA Humanities Fine Arts 1	3
MATH 1910 Calculus I	4	MATH 1910 Calculus I	4
CHEM 1110 Gen Chemistry I	4	CHEM 1110 Gen Chemistry I	4
~~*ENGR 1110 Graphics*~~	*2*	*ME 1010 ME Fundamentals I (New)*	*3*
	16		**17**

First Year – Second Semester

Current		**Proposed**	
ENGL 1020 Writing II	3	ENGL 1020 Writing II	3
HUFA2 Humanities Fine Arts 2	3	HUFA2 Humanities Fine Arts 2	3
MATH 1920 Calculus II	4	MATH 1920 Calculus II	4
PHYS 2110 Physics I	4	PHYS 2110 Physics I	4
~~*ENGR 1120 Programming*~~	*2*	*ME 1020 ME Fundamentals II (New)*	*3*
	16		**17**

Second Year – First Semester (No Change)

Current		**Proposed**	
ENGL 2130, 2235 or 2330 Literature	3	ENGL 2130, 2235 or 2330 Literature	3
PHYS 2120 Physics II	4	PHYS 2120 Physics II	4
ME 2910 Prof. & Ethics	1	ME 2910 Prof. & Ethics	1
CEE 2110 Statics	3	CEE 2110 Statics	3
MATH 2010 Matrix Algebra	3	MATH 2010 Matrix Algebra	3
MATH 2120 Diff. Equations	3	MATH 2120 Diff. Equations	3
	17		**17**

Second Year – Second Semester

Current		**Proposed**	
COMM 2025 or PC 2500 Comm	3	COMM 2025 or PC 2500 Comm	3
MATH 2110 Calculus III	4	MATH 2110 Calculus III	4
ME 2330 Dynamics	3	ME 2330 Dynamics	3
~~*ECE 2850 Princ. of Electric Circuit*~~	*3*	*ECE 2050 Circuits & Electronics*	*4*
~~*ME 3010 Materials*~~	*3*	*ME 2210 Thermodynamics*	*3*
	17		**17**

Third Year – First Semester

Current		**Proposed**	
ME 3001 ME Analysis	3	ME 3001 ME Analysis	3
CEE 3110 Mechanics of Materials	3	CEE 3110 Mechanics of Materials	3
ME 3720 Fluid Mechanics	3	ME 3720 Fluid Mechanics	3
VE 3400 Intro to Auto Systems	3	VE 3400 Intro to Auto Systems	3
~~*ME 3210 Thermodynamics I*~~	*3*	*ME 3010 Materials*	*3*
	15		**15**

Third Year – Second Semester

Current		**Proposed**	
ME 3610 Dynamics of Mach	3	ME 3610 Dynamics of Mach	3
ME 3710 Heat Transfer	3	ME 3710 Heat Transfer	3
VE 3500 Sensors, Trans & Instru	3	VE 3500 Sensors, Trans & Instru	3
MATH 3470 Intro Prob and Stat	3	MATH 3470 Intro Prob and Stat	3
~~*ME 4010 Machine Design*~~	*3*	*ME 3020 Machine Design*	*3*
~~*ME 3220 Thermodynamics II*~~	*3*		
	18		**15**

Fourth Year – First Semester (No Changes)

Current		**Proposed**	
SBS Social Beh Sciences 1	3	SBS Social Beh Sciences 1	3
VE 4100 Senior Design Project I	3	VE 4100Senior Design Project I	3
ME 4020 or ME 4720	3	ME 4020 or ME 4720	3
~~*ME 3050 DMC*~~	*3*	*ME 3050 System Dynamics*	*3*
~~*ME 3060 DMC Lab*~~	*1*	*ME 3320 Experimental Methods II (New)*	*3*
~~*ME 4751 Energy Sys Lab*~~	*2*		
	15		**15**

Fourth Year – Second Semester

Current		**Proposed**	
SBS Social Beh Sciences 2	3	SBS Social Beh Sciences 2	3
Approved VE Elective	3	Approved VE Elective	3
VE Concentration Course	3	VE Concentration Course	3
VE Concentration Course	3	VE Concentration Course	3
VE 4200 Senior Design Project II	3	VE 4200 Senior Design Project II	3
	15		**15**

3. BSME Aerospace Engineering Concentration

First Year – First Semester

Current		**Proposed**	
ENGL 1010 Writing I	3	ENGL 1010 Writing I	3
HUFA Humanities Fine Arts 1	3	HUFA Humanities Fine Arts 1	3
MATH 1910 Calculus I	4	MATH 1910 Calculus I	4
CHEM 1110 Gen Chemistry I	4	CHEM 1110 Gen Chemistry I	4
~~*ENGR 1110 Graphics*~~	*2*	*ME 1010 ME Fundamentals I (New)*	*3*
	16		**17**

First Year – Second Semester

Current		**Proposed**	
ENGL 1020 Writing II	3	ENGL 1020 Writing II	3
HUFA2 Humanities Fine Arts 2	3	HUFA2 Humanities Fine Arts 2	3
MATH 1920 Calculus II	4	MATH 1920 Calculus II	4
PHYS 2110 Physics I	4	PHYS 2110 Physics I	4
~~*ENGR 1120 Programming*~~	*2*	*ME 1020 ME Fundamentals II (New)*	*3*
	16		**17**

Second Year – First Semester (No Change)

Current		**Proposed**	
ENGL 2130, 2235 or 2330 Literature	3	ENGL 2130, 2235 or 2330 Literature	3
PHYS 2120 Physics II	4	PHYS 2120 Physics II	4
ME 2910 Prof. & Ethics	1	ME 2910 Prof. & Ethics	1
CEE 2110 Statics	3	CEE 2110 Statics	3
MATH 2010 Matrix Algebra	3	MATH 2010 Matrix Algebra	3
MATH 2120 Diff. Equations	3	MATH 2120 Diff. Equations	3
	17		**17**

Second Year – Second Semester

Current		**Proposed**	
COMM 2025 or PC 2500 Comm	3	COMM 2025 or PC 2500 Comm	3
MATH 2110 Calculus III	4	MATH 2110 Calculus III	4
ME 2330 Dynamics	3	ME 2330 Dynamics	3
~~*ECE 2850 Princ. of Electric Circuit*~~	*3*	*ECE 2050 Circuits & Electronics*	*4*
~~*ME 3010 Materials*~~	*3*	*ME 2210 Thermodynamics*	*3*
	17		**17**

Third Year – First Semester

Current		**Proposed**	
ME 3001 ME Analysis	3	ME 3001 ME Analysis	3
CEE 3110 Mechanics of Materials	3	CEE 3110 Mechanics of Materials	3
ME 3720 Fluid Mechanics	3	ME 3720 Fluid Mechanics	3
~~*ME 3023 Measurements*~~	*3*	*ME 3310 Experimental Methods I (New)*	*3*
~~*ME 3210 Thermodynamics I*~~	*3*	*ME 3010 Materials*	*3*
	15		**15**

Third Year – Second Semester

Current		**Proposed**	
ME 3610 Dynamics of Mach	3	ME 3610 Dynamics of Mach	3
ME 3710 Heat Transfer	3	ME 3710 Heat Transfer	3
~~*ME 4010 Machine Design*~~	*3*	*ME 3020 Machine Design*	*3*
~~*ME 3050 DMC*~~	*3*	*ME 3050 System Dynamics*	*3*
~~*ME 3060 DMC Lab*~~	*1*	*ME 3320 Experimental Methods II (New)*	*3*
~~*ME 3220 Thermodynamics II*~~	*3*		
	16		**15**

Fourth Year – First Semester (No Changes)

Current		**Proposed**	
SBS Social Beh Sciences 1	3	SBS Social Beh Sciences 1	3
Approved AE Elective	3	Approved AE Elective	3
AE Concentration Course	3	AE Concentration Course	3
ME 4414 Senior Design I - Aero	3	ME 4414 Senior Design I - Aero	3
ME 4020 or ME 4720	3	ME 4020 or ME 4720	3
	15		**15**

Fourth Year – Second Semester

Current		**Proposed**	
SBS Social Beh Sciences 2	3	SBS Social Beh Sciences 2	3
Approved AE Elective	3	Approved AE Elective	3
AE Concentration Course	3	AE Concentration Course	3
AOE 1 (Area of Emphasis)	3	AOE 1 (Area of Emphasis)	3
ME 4424 Senior Design II - Aero	3	ME 4424 Senior Design II - Aero	3
~~*ME 4751 Energy Sys Lab*~~	*2*		
	17		**15**

Motion to approve. *Julie Baker*
Second. *Lisa Zagumny*
Vote. *Motion carried.*

5. Human Ecology – Curriculum Changes

A. Course Change
Delete HEC 2800 and Replace with Guided Electives
Justification:

The current course, HEC 2800, is being removed from the HDFS curriculum because it is no longer offered.

Financial Impact: There is no cost involved in deleting this course and replacing it with Guided Electives.

B. Course Deletion: LIST 3220 Intimate
Relations Course Changes:

Delete LIST 3220 from the HDFS curriculum
Justification:

This course is no longer offered in Interdisciplinary Studies.

Financial Impact: There is no cost involved in deleting this course.

C. Course Change:

Add courses to the list of Guided
Electives Course Additions:
Guided Electives: HEC 2250, HEC 2550, HEC 4315, SOC 3650, SOC 2630, LIST 2093/3093, LIST 3600, LIST 3620, LIST 4050, Advisor Approved Psychology Course Based on Semester Availability/Course Offerings.

Financial Impact: There is no cost involved in adding these course offerings.

***Motion to approve**. Julie Baker*
***Second**. Lisa Zagumny*
***Vote**. Motion carried.*

6. Chemical Engineering

A. Addition of approved electives for CHE Curriculum (B.S.CH.E.)

The degree map illustrates one path to completing your major, based on faculty members' advice on course sequence and course schedule. This document provides general direction.

Course	Cr. Hrs.		Course	Cr. Hrs.
FIRST YEAR				
Semester: Fall	Total Credit Hours: 14		Semester: Spring	Total Credit Hours: 15
CHE 1010 Intro to Chemical Engineering	1		CHE 1020 CHE Processes, Products, & Ethics	1
ENGR 1120 Programming[1]	2		Humanities/Fine Arts Elective	3
MATH 1910 Calculus I	4		MATH 1920 Calculus II	4
CHEM 1110 General Chemistry I	4		CHEM 1120 General Chemistry II	4
ENGL 1010 Writing Composition I	3		ENGL 1020 Writing Composition II	3
Course	**Cr. Hrs.**		**Course**	**Cr. Hrs.**
SOPHOMORE YEAR				
Semester: Fall	Total Credit Hours: 17		Semester: Spring	Total Credit Hours: 15
CHE 2015 Intro to Chem/Bio An-Scl I	3		CHE 2020 Intro to Chem/Bio An-Scl II	3
MATH 2110 Calculus III	4		MATH 2120 Differential Equations	3
PHYS 2110 Cal based Physics I w/ Lab	4		PHYS 2120 Cal based Physics II w/ Lab	4
ENGL 2130, 2235, or 2330 Lit.	3		CHE 3735 ChE Operations	2
Social/Behavioral Science Elective	3		COMM 2025 or PC 2500 Communication	3
Course	**Cr. Hrs.**		**Course**	**Cr. Hrs.**
JUNIOR YEAR[2]				
Semester: Fall	Total Credit Hours: 17		Semester: Spring	Total Credit Hours: 18
CHE 3010 Thermo of ChE Processes	3		CHE 3510 Sep and Sol Thermo	3
CHE 3050 TS1: Cond, Radiation, Diff	3		CHE 3511 Sep and Sol Thermo Lab	1
CHE 3051 TS1: Cond, Radiation, Diff Lab	1		CHE 3550 TS2: Fluid Mechanics	3
CHEM 3010 Organic Chemistry I	4		CHE 3551 TS2: Fluid Mechanics Lab	1
XXX xxxx Tech Elective[3]	3		CHEM 3020 Organic Chemistry II	4
Humanities/Fine Arts Elective	3		XXX xxxx Tech Elective[3]	3
			Social/Behavioral Science Elective	3
Course	**Cr. Hrs.**		**Course**	**Cr. Hrs.**
SENIOR YEAR				
Semester: Fall	Total Credit Hours: 15		Semester: Spring	Total Credit Hours: 18
CHE 4050 TS3: Diff and Mass Transfer	3		CHE 4250 ChE Capstone Lab	2
CHE 4051 TS3: Diff and Mass Transfer Lab	1		CHE 4540 Process Dynamics and Control	3
CHE 4060 ChE Reaction Engineering	3		CHE 4xxx ChE Tech Elective[4]	3
CHE 4061 ChE Reaction Engineering Lab	1		CHE 4xxx ChE Tech Elective[4]	3
CHE 4410 Process Design I	3		CHE 4420 Process Design II	3
CHEM 3510 Physical Chemistry I	4		CHEM 3520 Physical Chemistry II	4

Notes: (Chemical Engineering (CHE) courses generally only offered in the semester listed above)

1. ENGR 1120 must be MATLAB
2. Students must apply to the ChE BS/MS Fast-Track program by the end of their second junior term.

3. Tech Electives can be from any of the following courses:
   a. Any College of Engineering course at 3000 or 4000 level
   b. Any BIOL/CHEM/MATH/PHYS/ESS course at 3000 or 4000 level
   c. Any course with the prior approval of the CHE Undergraduate Program Coordinator
4. Six hours of CHE Tech Elective must be from the following courses: CHE 4245 – Clinical Immersion (3) | CHE 4330 – Polymer Engineering (3) | CHE 4335 – Fuel Cells (3) | CHE 4340 – Introduction to Rheology (3) | CHE 4440 – Protein Engineering (3) | CHE 4550 – Green Engineering (3) | CHE 4552 – Energy/Environment Special Topics (3) | CHE 4650 – Agile Manufacturing (3) | CHE 4661 – Transport in Biochemical and Biological Processes (3) | CHE 4973 – Special Topics in CHE | CHE 4990 – Undergraduate Research (Credit 1 to 3 per semester. Maximum 12 credits.)

B. Addition of approved electives for CHE ENEV Concentration Curriculum

Financial Impact: No additional resources are required.

This proposal is for the following six (6) courses being offered at the university to be added to the list of approved (CHE ENEV Elective) for the Chemical Engineering Energy and The Environment Concentration (ENEV) for which three (3) credits are required:

Add:

CEE 3413: Environmental Engineering
CHE 4340: Rheology
CHE 4560: Agile Manufacturing
CHE 4990: Intro to Research
ESS 3710: Chemistry and the Environment
MET 4650: Lean Six Sigma

The updated list will include these courses:

CEE 3413: Environmental Engineering
CHE 4552: Energy/Environment Special Topics
CHE 4340: Rheology
CHE 4560: Agile Manufacturing
CHE 4990: Intro to Research
CHEM 4310: Nuclear Chemistry and Radiochemistry
CHEM 4710: Environmental Chemistry
CHEM 4720: Advanced Environmental Chemistry
ESS 3710: Chemistry and the Environment
ME 4260: Energy Conservation
MET 4650: Lean Six Sigma

Motion to approve. *Julie Baker*
Second. *Lisa Zagumny*
Vote. *Motion carried.*

7. Nursing – Course Changes

A. New NURS Course

NURS 3100 Navigating Nursing School: Strategies for Student Success 1 credit (Lecture)

Pre-requisite: Admission to Upper Division Nursing

Course Description: The Nursing School Success course is designed to help students succeed in their nursing education by providing them with the knowledge, skills, and strategies needed to excel academically and professionally. The course covers a range of topics related to nursing education, including study skills, time management, critical thinking, test-taking strategies, communication skills, and professionalism. Students will learn how to effectively manage their time, prioritize tasks, and stay organized in order to succeed in the demanding and rigorous curriculum of nursing school. They will also develop critical thinking skills that are essential for nursing practice, such as clinical reasoning, problem solving, and decision-making.

Justification: Test taking content has traditionally been taught in NURS 3240, but we are adding additional content to the test taking content and pulling it from NURS 3240 to develop this course. Nursing has also changed to Next-Gen testing to prepare for the NCLEX licensing exam which requires incorporation of the Clinical Judgement Model. In addition, our accrediting body, CCNE has adopted the new AACN Essentials moving toward a competency-based curriculum. This course will allow us to intentionally prepare incoming nursing students for the curricular changes and the type of testing utilized in nursing.

Financial Impact: None. This 1 credit hour is being pulled from NURS 3240 keeping the curriculum at the same credit hours.

Syllabus is attached.

B. Change in Course Credit Hours

Change NURS 3240 Pharmacological Concepts in Nursing I to a 2 credit course (currently 3 credits)

Justification: When this course was developed it included 15 hours of test preparation and test taking skills in nursing as part of the curriculum. The faculty have since decided to separate the 15 hours of test preparation to a separate course "Navigating Nursing School: Strategies for Student Success". The faculty believe the NURS 3240 course would be better served to focus solely on concepts related to pharmacology. In addition, adding the new I-credit hour "Success" course will be taught in the first semester of Upper Division and will increase the first semester to 9 hours increasing the ease of the student to add a 3-credit hour course to get to a minimum 12 hours.

Financial Impact: None
Implementation: Fall 2024

***Motion to approve**. Julie Baker*
***Second**. Lisa Zagumny*
***Vote**. Motion carried.*

8. Fine Arts

A. New course and course changes

Course Additions

1. ART 2041: Relief Printmaking, Studio 6. Credit 3.
Pre-requisites: ART 1045: Drawing I and ART 1050: Foundations Studio I, or permission of the instructor
Description: Introduction to relief printmaking techniques with concentrated work in wood cut and linoleum cut. The course also introduces collagraph, monotype, intaglio, stencil, and lithographic processes. Particular attention will be given to how printmaking may be integrated into an educational setting.
Pre- requisites: Art 1035 Drawing I, Art 1340 Foundations Studio I, or permission of the instructor.
Justification: Residency has been reduced from two semesters to one, which is requiring us to adjust our art education curriculum accordingly. Art Ed students would benefit from the added studio hour to this course.
Financial impact: None.
Effective date: Fall 2024
A grade of "C" or better is required for course credit.
Syllabus attached.
Course checklist attached.

2. ARED 2051: STEAM Studio, Studio 6. Credit 3.
Pre-requisites: ART 1045 or permission of the instructor
Description: STEAM education is a philosophy of teaching and learning that equally values and merges the interdisciplinary fields of Science, Technology, Engineering, Art, and Math. The primary goals of STEAM are to un-silo school disciplines, illuminate universal connections, practice critical thinking, solve problems, and prepare students for careers in K-12 schools (STEM environments). STEAM is inherently localized, and approaches to STEAM are unique to each school, teacher, and student. In this course, art education students will explore and define STEAM through experiencing the intersections of art and STEM through historical connections, campus collaborations and field experiences, studio projects, and a culminating STEAM lesson project. Students will be introduced to the cultural contexts of art and science and will develop innovative STEAM curricular elements that build upon course content.

Justification: Residency has been reduced from two semesters to one, which is requiring us to adjust our art education curriculum accordingly. Art Ed students will benefit from the added studio hour to this course.
Financial impact: None.

Effective date: Fall 2024
A grade of "C" or better is required for course credit.
Syllabus attached.
Course checklist attached.

3. ARED 4875: Applications of Learning. Credit 5.
Pre-requisites**:** Undergraduate benchmarks for Residency 1, 2, 3.
Description: ARED 4875: Application of Learning equips students with essential skills and knowledge to excel in Residency and edTPA assessments. Through comprehensive discussions and review sessions, students will understand the key requirements for Residency and edTPA while exploring effective instructional techniques and crafting innovative curricula and assessment strategies. Additionally, students will communicate and meet with their future mentor teachers and observe their Residency placement classrooms, fostering meaningful relationships before they officially start next semester. This course prepares students to start Residency Teaching, edTPA, reviews core content covered in ART 3205: Methods & Media and familiarizes students with state teacher licensure procedures.
Justification: Teacher Education residency has been reduced from two semesters to one, which requires adjustment of our art education curriculum accordingly.
Financial impact: None.
Effective date: Fall 2024
A grade of "C" or better is required for course credit.
Syllabus attached.
Course checklist attached.

4. ARED 4925: Applications of Teaching. Credit 2.
Pre-requisites: ARED 4875; corequisite ARED 4900
Description: ARED 4925: Application of Teaching is designed to foster and support the Residency II experience by collaboratively developing art curricula, identifying effective instructional methods, and implementing assessment strategies to support the needs of all learners. The course will also support each student through the required edTPA teacher assessment. Lastly, this seminar will review all requirements for state teacher licensure and how to prepare, apply, and interview for professional teaching opportunities.
Justification: Teacher Education residency has been reduced from two semesters to one, which requires adjustment of our art education curriculum accordingly.
Financial impact: None.
Effective date: Fall 2024
A grade of "C" or better is required for course credit.
Syllabus attached.
Course checklist attached.

5. ARED 4900: Residency. Credit 10.
Pre-requisites: Appropriate coursework required by major, Pass applicable Praxis exams, current CPR/First-Aid/AED certification/Professional Liability Insurance, any mandatory screening requirements from individual school systems, cleared Background Check, prerequisite (ARED 4875), Co-requisite (ARED 4925 Application of Teaching)

Description: Performance based clinical experience in authentic settings involving planning appropriate instruction based on students' needs, creating a positive learning environment, communicating and collaborating with colleagues and others, and effectively assessing student learning and reflecting on practice.
Justification: Teacher Education residency has been reduced from two semesters to one, which requires adjustment of our art education curriculum accordingly.
Financial impact: None.
Effective date: Fall 2024
A grade of "C" or better is required for course credit.
Syllabus attached.
Course checklist attached.

6. ART 3760: Lampwork Glass Studio, Studio 6. Credit 3.
Pre-requisites: none
Description: Introduction to Lampwork glass will familiarize students with glass as a functional and sculptural material via the torch. Glass techniques including, but not limited to Beads, Marbles, Sculpting Volumetric and Solid forms, Vacuum Encasement and fusing will be explored. Questions of function and aesthetics, and an in-depth look at form and meaning will be the basis for this course. Glass design with emphasis on professional development and personal style.
Justification: The addition of this course will offer diversity to our current glass curriculum which provides expanded creative and career paths for students/alumni.
Financial impact: None.
Effective date: Fall 2024
A grade of "C" or better is required for course credit.
Syllabus attached.
Course checklist attached.

Course Changes

1. Art 4231: Design Portfolio I
ADD Pre-requisites**:** Art 3230: Design Studio III
Justification: Students need the software and design experience that is developed through successful completion of Art 3230.
Financial impact: None.
Effective date: Fall 2024.
A grade of "C" or better is required for course credit.
Syllabus attached.

B. Curriculum and catalog changes

1. Bachelor of Fine Arts, painting concentration
    a. ADD: ART 3820-Metals Studio-Blacksmithing to studio Intro of choice in fall and spring of junior year.
    b. Effective: fall 2024
    c. Financial impact: None.
    d. Justification: prior metal-working experience is not necessary for this course, and this expands course offerings for students.

2. Bachelor of Fine Arts, design concentration
    a. ADD: ART 3820-Metals Studio-Blacksmithing to studio Intro of choice in spring junior year and fall of senior year.
    b. Effective: fall 2024
    c. Financial impact: None.
    d. Justification: prior metal-working experience is not necessary for this course, and this expands course offerings for students.

3. Bachelor of Fine Arts, Dual-Focus concentration
    a. ADD: ART 3820-Metals Studio-Blacksmithing to studio intro concentration choice in spring freshman year and fall of sophomore year.
    b. Effective: fall 2024
    c. Financial impact: None.
    d. Justification: prior metal-working experience is not necessary for this course, and this expands course offerings for students.

4. Bachelor of Fine Arts, fibers concentration
    a. ADD: ART 3820-Metals Studio-Blacksmithing to studio Intro of choice spring junior year and fall of senior year.
    b. Effective: fall 2024
    c. Financial impact: None.
    d. Justification: prior metal-working experience is not necessary for this course, and this expands course offerings for students.

5. Bachelor of Fine Arts, glass concentration
    a. ADD: ART 3820-Metals Studio-Blacksmithing to studio Intro choice in fall and spring of junior year.
    b. ADD: ART 3760-Lampworking Studio to spring of sophomore year. It is added to list of glass classes of choice.
    c. Effective: fall 2024
    d. Financial impact: None.
    e. Justification: prior metal-working experience is not necessary for this course, and this expands course offerings for students.

6. Bachelor of Fine Arts, wood concentration
    a. ADD: ART 3820-Metals Studio-Blacksmithing to studio Intro of choice in fall and spring of junior year.
    b. Effective: Fall 2024
    c. Financial impact: None.

d. Justification: prior metal-working experience is not necessary for this course, and this expands course offerings for students.

7. Bachelor of Fine Arts, clay concentration
    a. ADD ART 3820-Metals Studio-Blacksmithing to studio intro of choice options in spring sophomore year and fall junior year.
    b. Effective: Fall 2024
    c. Financial impact: None.
    d. Justification: prior metal-working experience is not necessary for this course, and this expands course offerings for students.

8. Bachelor of Fine Arts, art education concentration
    a. ADD ART 3820-Metals Studio-Blacksmithing to studio intro of choice options in spring sophomore year.
    b. Justification: prior metal-working experience is not necessary for this course, and this expands course offerings for students.
    c. DELETE ART 2040 Printmaking Relief from fall of Sophomore year.
    d. ADD ART 2041 Printmaking Relief to fall of junior year.
    e. DELETE ART 2050 STEAM Studio in spring of junior year.
    f. ADD ART 2051 STEAM Studio to spring of junior year.
    g. MOVE Upper-Division Art History Elective FROM fall of Junior year to Fall of Senior Year
    h. MOVE Studio emphasis or guided elective from spring of Junior year to FALL of Senior year. ADD SPED 2010: Introduction to Special Education to spring of Junior year.
    i. DELETE ARED 4871 Residency I from fall Senior year.
    j. DELETE ARED 4872 Professional Seminar I from fall Senior year.
    k. DELETE ARED 4881 Residency II from spring of Senior year.
    l. DELETE ARED 4882 Professional Seminar II from spring of Senior year.
    m. ADD ARED 4875 Professional Seminar I to fall of senior year.
    n. ADD ARED 4900 Residency to spring of Senior year.
    o. ADD ARED 4925 Professional Seminar II to spring of Senior year.
    p. Effective: Fall 2024
    q. Financial impact: None.
    r. Justification: Residency in teacher education has been reduced from two semesters to one which requires adjustment of our art education curriculum accordingly. The SPED course was added to enrich the curriculum with relevant and needed experience in Special Education.

9. Bachelor of Science in Studio Art
    a. Change 15 hours of electives in the senior year to upper-division electives.
    b. Effective: fall 2024

Justification: to ensure completion of TN Tech's required 36 hours of upper-division coursework.
Financial impact: None.

***Motion to approve**. Julie Baker*
***Second**. Lisa Zagumny*
***Vote**. Motion carried.*

9. Economics

A. Course Change
Current Catalog Prerequisites: ECON 2010, 2020, 3610, and one of ECON 3320, 3810, or 3820.

Proposed Catalog Prerequisites: ECON 2010, 2020 and 3610.

Justification: Evolution in econometrics and the way it is taught require less prior economics training.

Effective Fall 2024.

B. Course Change
Current Catalog Prerequisites: ECON 3420 or FIN 4410.

Proposed Catalog Prerequisites: FIN 3420 or FIN 4410.

Justification: There is no such class as ECON 3420. The prerequisites should be FIN 3420 Commercial Banking I or FIN 4410 Banking Advisory Board.

Effective Fall 2024

C. Course Addition
Current: Finance Internship credit is being given via FIN 4990 – Special Topics: Finance Internship.
Currently, there is no course description
Proposed: FIN 3625 – Internship in Finance

Credit 3. Maximum 3.

Prerequisite: Junior or Senior Standing, and Consent of Finance Internship Coordinator or Department Chairperson.
Course Description: A directed professional experience in the field of Finance.
Justification: The number of students completing internships has increased significantly in recent years, yet currently there is no dedicated course for giving students credit for finance internships. The current vehicle used to grant internship credit is FIN 4990 – Special Topics: Finance Internship. Students are limited to receiving credit for only one special topics course without obtaining permission and filing additional paperwork. This creates an extra burden for students wishing to complete an internship but who have already taken an FIN 4990 course.

Financial Impact: None
Effective Date: Fall 2024

D. Course Addition
Current: Economics Internship credit is being given via ECON 4990 – Special Topics: Economics Internship.
Currently, there is no course description
Proposed: ECON 3625 – Internship in Economics

Credit 3. Maximum 3.

Prerequisite: Junior or Senior Standing, and Consent of Economics Internship Coordinator or Department Chairperson.
Course Description: A directed professional experience in the field of Economics.
Justification: The number of students completing internships has increased significantly in recent years, yet currently there is no dedicated course for giving students credit for economics internships. The current vehicle used to grant internship credit is ECON 4990 – Special Topics: Economics Internship. Students are limited to receiving credit for only one special topics course without obtaining permission and filing additional paperwork. This creates an extra burden for students wishing to complete an internship but who have already taken an ECON 4990 course.

Financial Impact: None
Effective Date: Fall 2024

E. Course Addition
I would like to request the addition of FIN 4500 – Financial Modeling to the course catalog. The Economics, Finance, and Marketing department will start offering this course in Fall 2024. It will be taught primarily by Dr. Morteza Momeni, our newly hired faculty member in Finance. We intend to offer it once or twice per year.

Course description

FIN 4500 – Financial Modeling
Lec. 3. Credit 3.
Pre-requisite: FIN 3210, FIN3830, or consent of instructor. This course provides students with the skills necessary to apply modern financial theories to real world applications in both corporate finance and investments. Students will get hands-on experience implementing models from areas such as capital budgeting, financial planning, and asset valuation.

No financial impact.

Effective Fall 2024.

***Motion to approve**. Julie Baker*
***Second**. Lisa Zagumny*
***Vote**. Motion carried.*

10. Decision Sciences

Curriculum Change
Changes were approved in Fall, 2023 to BINT/BUBA. While making those changes to the catalog, Mary McCaskey noticed that the program had a total of 123 earned hours. This request is to reduce the number of general electives in this program from 12 to 9 in order to bring the total number of hours to 120.

Financial Impact: None

Effective Date: Summer, 2024

***Motion to approve**. Julie Baker*
***Second**. Lisa Zagumny*
***Vote**. Motion carried.*

11. Foreign Languages

Curriculum Changes

A. French Curricular change

FROM:
Complete ALL of the following Courses:
FREN2010 - Intermediate French 1
FREN2020 - Intermediate French 2
FREN3010 - Written Communication-French
FREN3020 - Oral Communication in French
FREN3112 - Culture/Civ of France
FREN3110 - Survey of French Lit I
FREN3120 - Survey of French Lit II
FREN3200 - Business French
OR FREN4810 - Special Topics in French
OR FREN4910 - Directed Studies in French
FREN4920 - Senior Capstone

TO:
Complete ALL of the following Courses:
FREN1020 – Elementary French 2
FREN2010 - Intermediate French 1
FREN2020 - Intermediate French 2
FREN3010 - Written Communication in French
FREN3020 - Oral Communication in French
FREN3112 - Culture/Civ of France
FREN3110 - Survey of French Lit I
OR FREN3120 - Survey of French Lit II
FREN4920 - Senior Capstone

Select 6 credit hours from courses below:

FREN3200 - Business French
FREN4810 - Special Topics in French
FREN4910 - Directed Studies in French

Apply to: Foreign Languages, French Option 1, B.A.
Foreign Languages, French Option 2, B.A.
Secondary Education, Secondary Education - French Concentration, B.S.ED.

B. German Curricular change
FROM:
Complete ALL of the following Courses:
GERM2010 - Intermediate German 1
GERM2020 - Intermediate German 2
GERM3010 - Written Communication in German
GERM3020 - Oral Communication in German
GERM 3112 - Culture/Civ of Germany
GERM 3150 – Introduction to German Lit
GERM 3200 - Business German
OR GERM 4810 - Special Topics in German
OR GERM 4910 - Directed Studies in German
GERM 4920 - Senior Capstone

German Electives - Take 9 credits from GERM 3200, GERM 4810 and GERM 4910.

TO:
Complete ALL of the following Courses:
GERM1020 – Elementary German 2
GERM2010 - Intermediate German 1
GERM2020 - Intermediate German 2
GERM3010 - Written Communication in German
GERM3020 - Oral Communication in German
GERM 3112 - Culture/Civ of Germany
GERM 3150 - Introduction to German Lit
GERM 3200 - Business German
AND GERM 4810 - Special Topics in German
AND GERM 4910 - Directed Studies in German
GERM 4920 - Senior Capstone

German Electives - Take 6 credits from GERM 3200, GERM 4810 and GERM 4910.

Apply to: Foreign Languages, German Option 1, B.A.
Foreign Languages, German Option 2, B.A.
~~Secondary Education, Secondary Education - German Concentration, B.S.ED.~~*

C. Spanish Curricular change

FROM:

Complete ALL of the following Courses:
SPAN2010 - Intermediate Spanish 1
SPAN2020 - Intermediate Spanish 2
SPAN3010 - Written Communication/Spanish
SPAN3020 - Oral Communication In Spanish
SPAN4920 - Senior Capstone
SPAN4010 - Intro to Literature of Spain
OR SPAN4020 - Intro/Lit of Spanish America
SPAN4110 - Culture/Civilization of Spain
OR SPAN4120 - Culture/Civ of Spanish Amer

Spanish Designated Electives
Earn at least 9 credits from the following:
SPAN3200 - Spanish for Business I
OR SPAN4010 - Intro to Literature of Spain
OR SPAN4020 - Intro/Lit of Spanish America
OR SPAN4030 - Adv Spanish Conversation
OR SPAN4110 - Culture/Civilization of Spain
OR SPAN4120 - Culture/Civ of Spanish Amer
OR SPAN4810 - Special Topics in Spanish
OR SPAN4910 - Directed Studies in Spanish

TO:

Complete ALL of the following Courses:
SPAN1020 – Elementary Spanish 2
SPAN2010 - Intermediate Spanish 1
SPAN2020 - Intermediate Spanish 2
SPAN3010 - Written Communication/Spanish
SPAN3020 - Oral Communication In Spanish
SPAN4920 - Senior Capstone
SPAN4010 - Intro to Literature of Spain
OR SPAN4020 - Intro/Lit of Spanish America
SPAN4110 - Culture/Civilization of Spain
OR SPAN4120 - Culture/Civ of Spanish Amer

Spanish Designated Electives
Earn at least 6 credits from the following:
SPAN3200 - Spanish for Business I
OR SPAN4010 - Intro to Literature of Spain
OR SPAN4020 - Intro/Lit of Spanish America
OR SPAN4030 - Adv Spanish Conversation
OR SPAN4110 - Culture/Civilization of Spain
OR SPAN4120 - Culture/Civ of Spanish Amer
OR SPAN4810 - Special Topics in Spanish
OR SPAN4910 - Directed Studies in Spanish

Apply to: Foreign Languages, Spanish Option 1, B.A.
Foreign Languages, Spanish Option 2, B.A.
~~Secondary Education, Secondary Education - Spanish Concentration, B.S.ED.~~*

Justification: These adjustments should offer the Department's students several benefits. Majors will be able to begin satisfying concentration requirements sooner in their studies. This change will address a significant bottleneck that TN Transfer Pathway students experience, especially when they seek licensure. Faculty have also noticed a decline in the number of majors who intend to continue their language and literature studies in graduate school, so this change aligns our curriculum with the prevailing career goals of our students.

Financial Impact: none
Effective date: Fall 2024

D. Spanish Curricular change
FROM:

Complete ALL of the following Courses:
SPAN2010 - Intermediate Spanish 1
SPAN2020 - Intermediate Spanish 2
SPAN3010 - Written Communication/Spanish
SPAN3020 - Oral Communication In Spanish
SPAN4920 - Senior Capstone
SPAN4010 - Intro to Literature of Spain
OR SPAN4020 - Intro/Lit of Spanish America
SPAN4110 - Culture/Civilization of Spain
OR SPAN4120 - Culture/Civ of Spanish Amer

Spanish Designated Electives
Earn at least 9 credits from the following:
SPAN3200 - Spanish for Business I
OR SPAN4010 - Intro to Literature of Spain
OR SPAN4020 - Intro/Lit of Spanish America
OR SPAN4030 - Adv Spanish Conversation
OR SPAN4110 - Culture/Civilization of Spain
OR SPAN4120 - Culture/Civ of Spanish Amer
OR SPAN4810 - Special Topics in Spanish
OR SPAN4910 - Directed Studies in Spanish

TO:

Complete ALL of the following Courses:
SPAN1020 – Elementary Spanish 2
SPAN2010 - Intermediate Spanish 1
SPAN2020 - Intermediate Spanish 2
SPAN3010 - Written Communication/Spanish
SPAN3020 - Oral Communication In Spanish

SPAN4920 - Senior Capstone
SPAN4010 - Intro to Literature of Spain
OR SPAN4020 - Intro/Lit of Spanish America
SPAN4110 - Culture/Civilization of Spain
OR SPAN4120 - Culture/Civ of Spanish Amer

Spanish Designated Electives
Earn at least 6 credits from the following:
SPAN3200 - Spanish for Business I
OR SPAN4010 - Intro to Literature of Spain
OR SPAN4020 - Intro/Lit of Spanish America
OR SPAN4030 - Adv Spanish Conversation
OR SPAN4110 - Culture/Civilization of Spain
OR SPAN4120 - Culture/Civ of Spanish Amer
OR SPAN4810 - Special Topics in Spanish
OR SPAN4910 - Directed Studies in Spanish

Apply to: Foreign Languages, Spanish Option 1, B.A.
Foreign Languages, Spanish Option 2, B.A. (
~~Secondary Education, Secondary Education - Spanish Concentration, B.S.ED.~~*

Justification: These adjustments should offer the Department's students several benefits.
Majors will be able to begin satisfying concentration requirements sooner in their studies. This change will address a significant bottleneck that TN Transfer Pathway students experience, especially when they seek licensure. Faculty have also noticed a decline in the number of majors who intend to continue their language and literature studies in graduate school, so this change aligns our curriculum with the prevailing career goals of our students.

Financial Impact: none
Effective date: Fall 2024

***Motion to approve**. Julie Baker*
***Second**. Lisa Zagumny*
***Vote**. Motion carried.*

* Strikethroughs indicate: Discussion on this matter ensued. Dr. Sheehan wanted the B.S.ED. presented in a "Coursedog friendly" memo. It was decided that these changes needed to be proposed in Coursedog by Curriculum and Instruction for the April 4, 2024, UCC meeting.

12. Other Such Matters

A. Dr. Curtis Armstrong presented a discussion on the review of credentials for SACSCOC. He mentioned that it is essential that each faculty member teaching a course during the fall 2024 semester have the following uploaded to the SACSCOC website: Transcript, CV, FQC, Graduate Faculty Form (if applicable), and Syllabi for each course. Dr. Armstrong continued

that if a course clearly corresponds to the faculty member's CV, no further information is needed; if not, their qualifications must be clarified.

1. Dr. Huo explained that each faculty member will need this information for every course on both fall 2024 and spring 2025 schedules.
2. Summer 2024 was discussed as the upload time for these documents, although working ahead was encouraged.
3. Dr. Huo mentioned that the Provost's office has most FQCs, but each Dean/Chairperson should verify this for their faculty and an updated CV must be uploaded, as well as an updated syllabi.
4. Dr. Huo said that some of this information will auto-populate from the last SACSCOC accreditation, but the CV and syllabi must be updated.

B. Dr. Jeremy Wendt said that UCC will increase the number of spring semester meetings to three and the procedures/policies would be updated to reflect this. New meeting times are:
   1. The end of January
   2. The end of February
   3. The end of March

C. Dr. Huo spoke on Coursedog
   1. She said that this UCC meeting consisted of 122 proposals submitted.
   2. She appreciated everyone's efforts in utilizing and learning Coursedog.
   3. She offered training to departments.

There being no further business or discussion

Motion to adjourn: *Jeff Boles*
Second: *Lisa Zagumny*

Meeting adjourned at 4:13 p.m.