University Curriculum Committee
December 15, 2025
Iris Room
2:30 pm

Calling of the Roll

Announcements

Old Business

- MATH 4500 – Introduction to Modern Algebra
  - The approval was made on November 10, 2025, for a prerequisite update. This currently states, MATH 3010 or higher, or permission of the instructor. The "or higher" should have been struck from the prerequisite, as it was referencing a previous grade of "C" or better.
  - The old business is to approve the modification of the prerequisite by removing the "or higher" from the statement.

Meeting Minute Approval

- Approval of November 10, 2025, UCC Meeting Minutes.

Consent Agenda Items – All items require final approval by the Provost

- **Course Credit Hour Update** **Implementation Fall 2026**

  - HON 2510 – The World of Work
    - Updating the course to variable hours.
    - Updating from a 3-hour course to a 1-to-3-hour course.

  - MSLP 6064 – Neuromotor Speech Disorders
    - Updating from a 2-hour course to a 3-hour course.

  - MSLP 6074 Voice and Resonance Disorders
    - Updating from a 3-hour course to a 2-hour course.

  - MSLP 6082 – Counseling for the Speech-Language Pathologist
    - Updating from a 2-hour course to a 1-hour course.

- NURS 3380 – Pathopharmacology for Nursing Practice
  - Updating from a 2-hour course to a 3-hour course.

- **Course Title Update** **Implementation Fall 2026**

  - ART 3410 – Animated Performance
    - Updating the course title from Animation II to Animated Performance.

  - ART 3460 – Applied Motion Effects
    - Updating the course title from Visual Effects II to Applied Motion Effects.

  - ART 4410 – Animation Innovation Lab
    - Updating the course title from Animation III to Animation Innovation Lab.

  - COMM 3400 – Research Methods
    - Updating the course title from Mass Communication Research Methods to Research Methods.

  - CSCI 3550 – Foundations of Game Development
    - Updating the course title from Introduction to Game Development to Foundations of Game Development.

  - CSCI 5095 – Business Intelligence
    - Updating the course title from Data Mining Project to Business Intelligence.

  - ENGL 2200 – Introduction to Creative Writing
    - Updating the course title from Introduction to Creative Writing: Poetry and Fiction to Introduction to Creative Writing.

  - LDSP 3050 – Leading with Emotional Intelligence
    - Updating the course title from Cultural Diversity in Organizations to Leading with Emotional Intelligence.

  - MSLP 6050 – Acquired Neurolinguistic Disorders
    - Updating the course title from Aphasia Following Stroke to Acquired Neurolinguistic Disorders.

  - MSLP 6064 – Neuromotor Speech Disorders
    - Updating the course title from Acquired Motor Speech Disorders to Neuromotor Speech Disorders.

- MSLP 6070 – Acquired Neurocognitive Communication Disorders
  - Updating the course title from Cognitive-Communication Disorders to Acquired Neurocognitive Communication Disorders.

- NURS 3300 – Concepts of Professional Nursing
  - Updating the course title from Concepts of Professional Nursing for RNs to Concepts of Professional Nursing.

- NURS 3380 – Pathopharmacology for Nursing Practice
  - Updating the course title from Pathophysiology for RNs to Pathopharmacology for Nursing Practice

- NURS 4071 – Nursing Leadership and Management of Professional Nursing Clinical
  - Updating course title from Nursing Leadership and Professional Management Clinical to Nursing Leadership and Management of Professional Nursing Clinical.

- SCI 5050 – Integrated Science and STEM Education I – Teaching and Learning Strategies
  - Updating the course title from Life Science to Integrated Science and STEM Education I – Teaching and Learning Strategies.

- SCI 5070 – Integrated Science and STEM Education II – Curriculum and Module Design
  - Updating the course title from Physical Science to Integrated Science and STEM Education II – Curriculum and Module Design

- SCI 5090 – Integrated Science and STEM Education III – Active Science Assignments
  - Updating the course title from Earth Science to Integrated Science and STEM Education III – Active Science Assignments.

- THEA 1900 – Introduction to Scenic Design
  - Updating the course title from Drafting I to Introduction to Scenic Design.

- THEA 3900 – Drafting
  - Updating the course title from Drafting II to Drafting.

- THEA 4100 – Period Styles for Theatre
  - Updating the course title from Period Styles of Architecture to Period Styles for Theatre

- **Course Description Update** **Implementation Fall 2026**

  - ART 2420 – Digital World Building
    - **Old Description:**
      An introduction to the world of 3D computer generated content creation. Students will explore the concepts and principles behind creating quality 3D assets while emphasizing their connection to the creative thought process. Students will gain an overview of the artist workflow as it relates to modeling, texturing, animation, lighting, and rendering.
    - **New Description:**
      An introduction to the world of 3D computer-generated content creation. Students will explore the concepts and principles behind creating quality 3D assets while emphasizing their connection to the creative thought process.

  - ART 3340 – Drawing III
    - **Old Description:**
      Use of drawing media for creative image making.
    - **New Description:**
      An upper-level drawing course in which students refine technical skills and develop expressive, conceptual work through varied media, methods, and experimental approaches.

  - ART 3410 – Animated Performance
    - **Old Description:**
      A continued study of animation principles, with an emphasis on 3D animation techniques. Students will learn effective workflows and character animation techniques used in professional studio environments.
    - **New Description:**
      A study of animation principles through performance. Students will learn effective workflows and character animation techniques used in professional studio environments.

  - ART 3420 – Visual Effects
    - **Old Description:**
      An introduction to visual effects principles. Students will be exposed to the primary concepts needed for successfully composing images as used in film, visual effects, and animation.
    - **New Description:**
      Students will learn advanced techniques and workflows to produce complex visual effects shots.

- ART 3460 – Applied Motion Effects
  - **Old Description:**
    A continued study of the principles of visual effects shot creation. Students will learn advanced techniques and workflows to produce more complex visual effects shots.
  - **New Description:**
    An exploration of concepts and workflows for creating dynamic digital imagery for use in film, commercials, video games, and animation.

- ART 4250 – Animation Production Studio
  - **Old Description:**
    An exploration of the collaborative nature of animation and visual effects work. Students will create projects in a simulated studio environment and pipeline, with a focus on professional best practices and preparing students for communication, collaboration, and creative workflows.
  - **New Description:**
    An exploration of the collaborative nature of animation and visual effects work. Students will create projects in a simulated studio environment and pipeline, with a focus on professional best practices and preparing students for communication, collaboration, and creative workflows. Should be taken in the student's last year of the program.

- ART 4260 – Animation VFX Portfolio
  - **Old Description:**
    Students will create a senior capstone project that allows them to research, design, and execute a high-quality portfolio-ready project. The student will leave with in-depth knowledge in a specific area of interest within Animation and Visual Effects.
  - **New Description:**
    Students will create a senior capstone project that allows them to research, design, and execute a high-quality portfolio-ready project. The student will leave with in-depth knowledge in a specific area of interest as well as professional best practices. Should be taken in the student's last year of the program.

- COMM 3400 – Research Methods
  - **Old Description:**
    Application of qualitative and quantitative media research methods, including survey research, focus groups, content analysis, and experimental studies. The course prepares students to conduct research for media studies, public relations, and marketing communication programs.
  - **New Description:**
    The skills of inquiry, logical thinking, numerical analysis, and rhetorical sensitivity are essential for communication professionals. This course will develop these skills through critical understanding of a variety of qualitative and quantitative research methods and provide hands-on experience to practice evidence-based writing and speaking skills, with emphasis on Mass Media.

- COMM 4350 – Broadcast Management
  - **Old Description:**
    Fundamentals of all aspects of programming: news, sports, drama, entertainment, and education; writing of scripts, directing and editing of programs for the electronic media.
  - **New Description:**
    The course teaches the fundamentals of broadcast and digital media management practices, including news, sports, programming, sales, marketing, and promotions. Students will also learn about ethical decision-making processes in the writing, editing, graphics, and production phases of audio and video broadcasting, and the digital media industry.

- CRJ 4210 – Gangs in Society
  - **Old Description:**
    This elective course examines the problem of gangs in society. Topics include why gangs form, why people and society's response to the problem.
  - **New Description:**
    This course examines the evolution of street and institutional gangs across historical and modern contexts, including their definitions, types, and diverse memberships. Additional topics that may be covered include the social, behavioral, and cultural theories of gang formation and persistence, along with societal responses to gang-related activity such as legislation, policy, intervention, prevention, suppression, and law enforcements' reaction.

- CRJ 5030 – Graduate Comparative Criminal Justice
  - **Old Description:**
    This course examines the nature of crime, justice, and security in varying countries and cultures throughout the world, with the United States used as a standard of comparison. Focus is on the peculiarities as well as the universals in a comparative **framework.**
  - **New Description:**
    This course examines the nature of crime, justice, and security in varying countries and cultures throughout the world. Focus is on the peculiarities as well as the universals in a comparative framework.

- CRJ 5420 – Graduate International Terrorism
  - **Old Description:**
    Terrorism has become a political tool used against almost all nations of the world. The course examines known terrorist groups throughout the world, including militant religious groups; and political groups. Policies to prevent and counter international terror are also examined.
  - **New Description:**
    Terrorism is a phenomenon that has affected nearly every nation and region of the world. This course examines the evolution, motivations, and strategies of terrorist actors across diverse ideological and political contexts. It may also explore the legal, institutional, and policy frameworks developed to prevent and counter terrorism at the international level.

- CSCI 3550 – Foundations of Game Development
  - **Old Description:**
    This course introduces state-of-the-art techniques for computer game design and development with an emphasis on the 2D and 3D graphics and interaction through practical, example-driven approaches of game development.
  - **New Description:**
    This course provides students with foundational knowledge of game development principles, history, design theory, and implementation techniques. Topics include the game development lifecycle, core mechanics, and industry-standard tools. Students create 2D games through hands-on projects while learning programming patterns specific to the interactive entertainment industry. The course emphasizes both technical skills and creative problem-solving in game design.

- EDUC 5990 – Thesis -Science Education Concentrations
  - **Old Description:**
    Designed to meet the research requirements for the thesis track in the Elementary & Middle Grades Science and Secondary Science concentrations of the M.A.Ed. in Curriculum & Instruction degree. Requirements include the development of a research problem, literature review, data collection, analysis and interpretation of data. Communication of the findings must be presented in a written thesis and oral defense.
  - **New Description:**
    Designed to meet the research requirements for the thesis track in the M.A.Ed. Science Education Research and Practice degree. Requirements include developing a problem, conducting a literature review, collecting data, data analysis, and interpreting the results. Communication of findings must be presented in a written thesis and oral defense.

- EDUC 6030 – Statistics for Educational Research
  - **Old Description:**
    This course prepares students to conduct research and engage in scholarly activities by providing a clear understanding of descriptive and univariate inferential statistics. This course will prepare students to gain a level of independence that will allow good performance in any computer applications course required for the Educational Specialist or doctoral degree.
  - **New Description:**
    This course prepares students to conduct research and engage in scholarly activities by providing a clear understanding of descriptive and univariate inferential statistics. This course will prepare students to gain a level of independence that will equip students with the quantitative analysis skills required for the MAED research degrees.

- ENGL 2200 – Introduction to Creative Writing
  - **Old Description:**
    Writing and analysis of poetry and short stories.
  - **New Description:**
    Students learn to analyze poetry, fiction, and creative nonfiction with attention to craft choices made by published authors. Students then apply these craft choices in the development of their own creative work. Special attention is paid to active reading, intentional writing & revision, and initial professionalization in the creative writing and publishing fields.

- LDSP 3050 – Leading with Emotional Intelligence
  - **Old Description:**
    Theoretical and practical approaches to the complexities of issues of diversity will be examined by reviewing typical values, habits, interactions, and concerns of different cultural groups in the workplace. Students will identify and practice strategies to overcome barriers and conflict in the workplace.
  - **New Description:**
    This course examines theoretical and practical approaches to understanding and addressing diversity within workplaces, communities, and organizations. Students will explore values, habits, interactions, and concerns of various cultural groups to understand how diversity shapes organizational dynamics. Emphasis is placed on emotional intelligence and its role in fostering empathy, communication, and collaboration across diverse communities. Through self-assessment, discussion, and applied activities, students will use emotional intelligence to navigate differences, build inclusive environments, strengthen professional relationships, and practice strategies to overcome barriers and resolve workplace conflicts.

- MET 3200 – Industrial Totally Integrated Automation
  - **Old Description:**
    Advanced concepts of automation as applied to mechatronics systems used in the manufacturing Industry. Advanced analog and digital sensors design and applications to include methods of processing sensor signals and control techniques from processed sensor signals.
  - **New Description:**
    Advanced concepts of PLC-based automation as applied to mechatronics systems. Covered topics include programming with ladder logic concepts such as function blocks, math operations, and program control. Alternative programming languages are also introduced.

- MET 3300 – Advanced Automation
  - **Old Description:**
    Advanced technologies used to automate mechatronic systems as applied to large scale manufacturing. Applications of automated mechatronics to varied manufacturing processes will be covered as well as mechatronic systems design for fully automated manufacturing and related processes.
  - **New Description:**
    Advanced application of industrial PLC automation concepts, including the programming

of HMIs, analog sensors, and extended I/O components. Additionally, PLC automation is applied to real-world industrially focused mechatronics and robotics systems.

- MET 3400 – Electromechanical Power
  - **Old Description:**
    The design and application of electromechanical devices as applied to manufacturing processes. Mechanical systems controlled electronically, and electronic systems controlled mechanically, will be thoroughly covered. Applications for electromechanical power will be discussed, as well as the design of such systems. Further topics include when to use electromechanical power and the limitations and delimitations associated with electromechanical power as a prime control methodology.
  - **New Description:**
    The study of electrical and mechanical concepts related to magnetism, electrical transformers, DC generators and motors, and AC three-phase and single-phase induction motors. Also, electric motor power flow, overall efficiency, and alternative configurations are covered.

- MET 3500 – Machine Dynamics
  - **Old Description:**
    An advanced study of machine dynamics and the effect of those dynamics on the selected use of specific machines for varied processes. Vibration associated with specific machine dynamic principles will be covered to include the effects of vibration on systems applied to the machine control processes. Methods of decreasing or eliminating vibration, to include the effects of vibration on electronic and mechanical system components, when the machines are used in industrial processes will be covered.
  - **New Description:**
    Study of dynamics and vibration as related to industrial machines and mechatronics systems. Dynamics topics covered include kinematics and kinetics relating to particles and rigid bodies. Vibration topics covered include the analysis of free, harmonic excitation, and forced excitation responses, as well as vibration suppression techniques in machines.

- MET 3600 – Integrated Manufacturing
  - **Old Description:**
    Integrated manufacturing processes and the application of control methods for those processes. Mechanisms for sensing state and modifying processes will be discussed as the prime method of control, to include mechatronic systems, used for manufacturing processes. Project management, as determined in part by electrical and mechanical process monitoring and control, will be discussed.
  - **New Description:**
    Overview of manufacturing operations relating to the integration of automation and mechatronics systems. Topics covered include single and multi-station manual and automated production and assembly systems, cellular and flexible manufacturing systems, and related concepts such as control, storage, identification, and CAD/CAM systems.

- MET 4100 – Project and Process Management
  - **Old Description:**
    A framework for managing mechatronics projects at an advanced level. Topics include project estimation and planning, adaptation to varying customer requirements, methods of design, construction, integration, and testing of project components and systems, and an introduction into the CMII® organizational improvement model.
  - **New Description:**
    Project management techniques as applied to industrial and mechatronics systems. Topics covered include organizational structures, staffing, communications management, network scheduling, cost control, risk management, and customer relations. Team-based mechatronics capstone project planning involves creating a proposal, project workbook, and conducting simulated customer meetings.

- MET 4160 – Mechatronics Capstone Project
  - **Old Description:**
    Culminating capstone project for the BS degree in Mechatronics Engineering Technology. Planning, design, management, construction, testing, and workbook documentation of all phases and elements of the project along with simulated customer/supplier relationships and student project teams are required.
  - **New Description:**
    Culminating capstone project for the BS Engineering Technology degree with a concentration in Mechatronics Engineering Technology. Planning, design, management, construction, testing, and workbook documentation of all phases and elements of the project, along with simulated customer/supplier relationships and student project teams, are required.

- MSLP 6050 – Acquired Neurolinguistic Disorders
  - **Old Description:**
    Prevention, evidence-based evaluation and therapy approaches for aphasia including study of medical management in the context of a continuum of care.
  - **New Description:**
    Focuses on how brain systems support language and how acquired impairments result in aphasia. Emphasizes hypothesis-driven assessment, differential diagnosis across language levels (lexical–semantic, phonological, morphosyntactic, discourse), and evidence-based intervention planning, including study of medical management in the context of a continuum of care.

- MSLP 6064 – Neuromotor Speech Disorders
  - **Old Description:**
    Study of acquired neurogenic speech disorders with an emphasis on a perceptual method of classification and evidence-based evaluation and therapy approaches for apraxia and dysarthria.
  - **New Description:**
    Study of dysarthrias and apraxia of speech with emphasis on neuroanatomic substrates, clinical presentation, and evidence-based assessment and management. Integration of

neurological, perceptual, and physiological evidence to justify diagnosis and treatment planning.

- MSLP 6070 – Acquired Neurocognitive Communication Disorders
  - **Old Description:**
    Study of normal cognitive processing for language in adults and the evidence-based assessment and treatment of cognitive impairments underlying language disorders.
  - **New Description:**
    Examines communication change driven by attention, memory, and executive function impairments in traumatic brain injury and major neurocognitive disorders. Covers cognitive-communication assessment, treatment planning, caregiver education, and interprofessional coordination, with a focus on real-world participation outcomes.

- NURS 2021 – Nursing Assessment Clinical
  - **Old Description:**
    On File.
  - **New Description:**
    This course prepares the student to perform holistic nursing assessments, including health promotion, functional status, nutrition, psychological, and head-to-toe physical examination.

- NURS 2031 – Fundamentals of Nursing Clinical
  - **Old Description:**
    This course introduces students to a basic nursing knowledge, foundation of concepts, and basic skills for entry into the nursing profession. Course content includes understanding the social, interpersonal, human diversity, and technological components of professional nursing. An introduction to the nursing process provides a decision-making framework to assist students in developing effective clinical judgment skills. Quality care, safety, legal and ethical situations are introduced and applied in both the laboratory and clinical settings. Includes 4 student credit hours of skills lab/clinical experience. This clinical accompanies NURS 2030. It must be taken concurrently with NURS 2030. The same grade will be given in lecture and lab.
  - **New Description:**
    This course introduces foundational nursing skills, emphasizing patient-centered care, communication, teamwork, and diversity. Students apply evidence-based practice, judgment, professionalism, and cultural humility to grow as compassionate, competent caregivers.

- NURS 2040 – Introduction to Pharmacology
  - **Old Description:**
    Provides the basis for study of pharmacology principles. Includes safe dosage calculation and intravenous medication delivery. Prepares the beginning nursing student for future pharmacology courses in the nursing program.
  - **New Description:**
    Introduces foundational pharmacology principles, including pharmacokinetics,

pharmacodynamics, and dosage calculations. Emphasizes the Rights of Medication Administration, safe practices, and error prevention, preparing beginning nursing students for patient-centered pharmacologic care while considering the unique needs of special populations.

- NURS 3061 – Psychiatric Mental Health Nursing Clinical
  - **Old Description:**
    This clinical accompanies NURS 3060. It must be taken concurrently with NURS 3060. The same grade will be given in lecture and lab.
  - **New Description:**
    This course prepares students for psychiatric-mental health nursing by focusing on safe, patient-centered, and evidence-based care. The course builds skills in therapeutic communication, professionalism, psychoeducation, cultural humility, ethics, and advocacy for diverse populations throughout clinical experiences.

- NURS 3071 – Adult Health I Nursing Clinical
  - **Old Description:**
    This clinical accompanies NURS 3070. It must be taken concurrently with NURS 3070. The same grade will be given in lecture and lab.
  - **New Description:**
    This course applies theory and judgment to adult medical-surgical care. Guided clinical practice builds skills in assessment, reasoning, interventions, and teamwork, while fostering holistic, ethical, culturally aware, and professional nursing.

- NURS 3210 – Introduction to Nursing Research
  - **Old Description:**
    Introduces the research process with emphasis on the evaluation and application of nursing research.
  - **New Description:**
    This course introduces qualitative and quantitative research and its application to evidence-based nursing practices. Focus is placed on developing the ability to understand, interpret, critically appraise, and apply research.

- NURS 3300 – Concepts of Professional Nursing
  - **Old Description:**
    Introduces concepts and theories of nursing and how these are used by holistic Registered Nurses. Skills of professional writing are developed and concepts of integration of the RN into the BSN role are applied to practice.
  - **New Description:**
    This course introduces foundational concepts essential to the professional nursing role.

- NURS 3380 – Pathopharmacology for Nursing Practice
  - **Old Description:**
    Presents a review for RNs of the principles of pathophysiology in relation to holistic assessment, progression, and treatment of disease in humans. Integrates principles of pathophysiology for clients across the lifespan.
  - **New Description:**
    This course examines human pathophysiology and pharmacology in professional nursing, emphasizing normal and altered body functions, evidence-based medication management, and safe pharmacologic care across the lifespan. Focus areas include clinical judgment, patient education, cultural competence, and the nurse's role in promoting medication safety and adherence.

- NURS 4041 – Maternal Child Nursing Clinical
  - **Old Description:**
    This clinical accompanies NURS 4040. It must be taken concurrently with NURS 4040. The same grade will be given in lecture and lab.
  - **New Description:**
    This course provides students with diverse learning experiences in the care of maternal and pediatric populations. The course utilizes skills in therapeutic communication, professionalism, psychosocial awareness, cultural humility, ethics, and advocacy for diverse populations throughout clinical experiences.

- NURS 4051 – Community and Public Health Nursing Clinical
  - **Old Description:**
    This clinical accompanies NURS 4050. It must be taken concurrently with NURS 4050. The same grade will be given in lecture and lab.
  - **New Description:**
    This course offers community-based clinical experiences, emphasizing population health and diverse needs. Students assess social factors, use resources, and collaborate interprofessionally to deliver safe care while strengthening communication, professionalism, and support for vulnerable groups.

- NURS 4061 – Adult Health II Nursing Clinical
  - **Old Description:**
    This clinical accompanies NURS 4060. It must be taken concurrently with NURS 4060. The same grade will be given in lecture and lab.
  - **New Description:**
    This course builds on prior learning as students apply the nursing process to adults with complex health problems, refining assessment, interventions, advocacy, collaboration, and judgment to deliver holistic, evidence-based, patient-centered care.

- NURS 4071 – Nursing Leadership and Management of Professional Nursing Clinical
  - **Old Description:**
    This clinical accompanies NURS 4070. It must be taken concurrently with NURS 4070. The same grade will be given in lecture and clinical.

- **New Description:**
  This course provides experiential opportunities to apply leadership and management in healthcare settings. Through clinical practice and mentorship, students build competencies in patient safety, collaboration, and systems-based decision-making.

- NURS 4080 – Trends and Issues of Professional Nursing
  - **Old Description:**
    Promotes sensitivity to the potential for nurse-initiated change through evaluation of current trends and issues impacting upon health care delivery and the nursing profession.
  - **New Description:**
    This course prepares the student to critically evaluate current trends and issues that shape the nursing profession and delivery of care. Students will examine the professional identity of the nurse.

- NURS 4100 – Clinical Integration
  - **Old Description:**
    A clinical synthesis of normal anatomy, physiology, pathophysiology, and nursing assessment concepts in patients with selected illnesses. Students are guided through the steps of problem solving, prioritizing needs, determining short term and long term goals, anticipating therapeutic interventions, and initiating appropriate nursing care.
  - **New Description:**
    This capstone course integrates and synthesizes clinical experiences, emphasizing reflection, critical thinking, and application of nursing concepts and competencies. Students strengthen problem-solving and prioritization skills, prepare for professional transition, and develop readiness for safe nursing practice and NCLEX RN licensure.

- SCI 5050 – Integrated Science and STEM Education I – Teaching and Learning Strategies
  - **Old Description:**
    The nature of science and how it should be presented to elementary and junior high school students; a practicum in teaching science processes; a review of life science materials in contemporary science projects.
  - **New Description:**
    Theories and classroom applications of inquiry-based, problem- or project-based, and Process-Oriented Guided Inquiry Learning (POGIL) in science disciplines. Topics include scaffolding, questioning, authentic student investigations, interdisciplinary approaches, partnerships, dynamic classroom management for long-term projects, and performance-based assessments. Integration of digital tools and emerging technologies is emphasized.

- SCI 5070 – Integrated Science and STEM Education II – Curriculum and Module Design
  - **Old Description:**
    Selected topics from the areas of astronomy, chemistry, and physics are studied. Emphasis is placed on fundamental principles. The student is encouraged to use their reasoning ability.
  - **New Description:**
    This course prepares educators and curriculum developers to design, implement, and evaluate P–16 integrated Science and STEM curricula grounded in research-based learning theories and current professional standards and frameworks. Students will create course blueprints and modular unit plans that map content to clear objectives, assessments, and learning experiences.

- SCI 5090 – Integrated Science and STEM Education III – Active Science Assignments
  - **Old Description:**
    Indoor and outdoor classes, specimen study and simple experiments cultivate a broader familiarity with the physical habitat of man. Materials that form planet earth and relationships between climate and landscape receive special attention.
  - **New Description:**
    Design of performance assessments for integrative science and STEM classrooms. Formative assessment of processes is emphasized. Emerging technologies are being introduced to enhance rubric creation, verify validity and reliability, conduct item analysis, and utilize student data to differentiate instruction, thereby improving transdisciplinary STEM courses through authentic inquiries.

- STAT 5130 – Experimental Design
  - **Old Description:**
    Design concepts for experiments and studies: ANOVA for standard designs, analysis of covariance, and other experimental designs.
  - **New Description:**
    ANOVA, multiple comparisons, completely randomized designs, factorial designs, randomized blocks, random factors, fractional factorials, incomplete and confounded blocks, split-plot designs, and response surface methods. Appropriate software used throughout.

- THEA 1900 – Introduction to Scenic Design
  - **Old Description:**
    Exploration of the techniques involved in the preparation of design and technical drawings for theatrical productions. Student drafting projects will include scenic floor plan, scenic elevations, and pencil drawings.
  - **New Description:**
    This course introduces the principles and practices of scenic design and stage construction for the theatre. Students learn the design process from concept to finished set, including drafting, model building, materials, and basic construction techniques. Emphasis is placed on safety, collaboration, and translating artistic ideas into practical stage environments.

- THEA 3900 – Drafting
  - **Old Description:**
    Continuation of the theories and practices of THEA 1900. Computer-aided drafting and design and its application for theatre. Topics will include 2D layouts, 3D virtual models and plotting.
  - **New Description:**
    This course builds on foundational drafting skills with a focus on advanced techniques in scenic and production drafting for the stage. Students will use industry software to create detailed construction drawings, 3D models, and drafting packages that meet professional theatre standards. Emphasis is placed on accuracy, clarity, workflow efficiency, and effective visual communication between design and production teams.

- THEA 4100 – Period Styles of Theatre
  - **Old Description:**
    Survey of architectural styles from pre-Greek to the modern period as it relates to theatrical application.
  - **New Description:**
    This course explores major historical periods and their influence on theatrical scenery and costume design. Students study architecture, furniture, clothing, and visual aesthetics from various eras to understand how historical research informs design choices for the stage. Emphasis is placed on visual analysis, historical accuracy, and creative interpretation for production design.

- **Course Prerequisite Update**
  Implementation Fall 2026

  - ART 2180 – Illustration I
    - Removing ART 1050 (Drawing II) from the course prerequisites.
    - Adding ART 1350 (Foundations Studio 2) to the course prerequisites.

  - ART 3460 – Applied Motion Effects
    - Removing ART 3420 (Visual Effects) from the course prerequisites.
    - Adding ART 2410 (Animation I) to the course prerequisites.

  - ART 3520 – Typography II
    - Removing ART 2320 (Graphic Design I) from the course prerequisites.
    - Adding a statement of "with a grade of 'C' or higher" to the ART 2520 (Typography I) prerequisite.

  - ART 4120 – Graphic Design II
    - Removing ART 2520 (Typography I) from the course prerequisites.
    - Adding a statement of "with a grade of 'C' or higher" to the ART 2320 (Graphic Design I) prerequisite.

- ART 4125 – Graphic Design III
  - Adding a statement of "with a grade of 'C' or higher to the course prerequisites.

- ART 4250 – Animation Production Studio
  - Adding the word "Foundation" before Portfolio Review on the course prerequisite.

- ART 4260 – Animation VFX Portfolio
  - Adding the word "Foundation" before Portfolio Review on the course prerequisite.

- ART 4370 – Web Design II
  - Adding a statement of "with a grade of 'C' or higher" to the ART 3370 (Web Design) course prerequisite.

- ART 4410 – Animation Innovation Lab
  - Removing ART 3410 (Animation II) from the course prerequisites.
  - Adding ART 2410 (Animation I) to the course prerequisites.

- BUS 2000 – Business Communication
  - Adding "or HON 1045 (Foundations of Interdisciplinary Thinking)" to the ENGL 1020 (English Composition II) part of the course prerequisite.

- COMM 2010 – Introduction to Corporate Communication
  - Removing COMM 1110 (Media and Social Institutions) from the course prerequisites.
  - Add COMM 1200 (Introduction to Mass Communication) to the course prerequisites.

- COMM 3400 – Research Methods
  - Removing COMM 1110 (Media and Social Institutions), ENGL 1010 (English Composition I), and ENGL 1020 (English Composition II) from the course prerequisites.
  - Adding COMM 1200 (Introduction to Mass Communication) as the course prerequisite.

- COMM 3420 – Principles of Social Media
  - Removing COMM 1110 (Media and Social Institutions) from the course prerequisite.
  - Adding COMM 1200 (Introduction to Mass Communication) to the course prerequisite.

- COMM 3610 – Multimedia News Reporting
  - Removing ENGL 1010 (English Composition I) with a grade of "C" or higher, ENGL 1020 (English Composition II), and COMM 2000 (Media Writing) from the course prerequisites.
  - Adding ENGL 1020 (English Composition II) for non-COMM majors or COMM 2000 (Media Writing) for COMM majors.

- COMM 4350 – Broadcast Management
  - Removing COMM 1110 (Media and Social Institutions) from the course prerequisites.
  - Adding COMM 1200 (Introduction to Mass Communication) to the course prerequisites.

- CSCI 5095 – Business Intelligence
  - Removing the course prerequisites.

- EDUC 5990 – Thesis-Science Education Concentrations
  - Removing EDUC 5330 (not able to locate a course title) and CHEM 5000 (Research Methods in the Science Classroom) and 5001 (Research Methods Laboratory) from the course prerequisites.

- ENGL 1010 - English Composition I
  - Clarifying the course prerequisite with standard deficiency language.
  - Prerequisite will now read: Demonstrate proficiency in reading. The reading requirement must be completed with a grade of "C" or better.

- ENGL 2330 – Topics in World Literature
  - Adding " Demonstrate proficiency in reading and writing" to the course prerequisite.

- MET 2100 – Process Control Technologies
  - Removing course prerequisites.
  - Adding ENGT 2010 (DC Circuits and Applications) as a prerequisite/co-requisite.

- MET 3200 – Industrial Totally Integrated Automation
  - Removing the MET 1500 (Digital Fundamentals and Programmable Logic Controllers) and ENGT 2030 (AC Circuits and Applications) or MET 2300 (Automation Systems) from the course prerequisites.
  - Adding MET 1500 (Digital Fundamentals and Programmable Logic Controllers) and ENGT 2010 (DC Circuits and Applications) to the course prerequisites.

- MET 3400 – Electromechanical Power
  - Removing ENGT 2030 (AC Circuits and Applications) or MET 2400 (Motor Control) from the course prerequisites.
  - Adding ENGT 2030 (AC Circuits and Applications) as a prerequisite/co-requisite requirement.

- MET 3500 – Machine Dynamics
  - Removing ENGT 1200 (Applied Mathematics for Engineering Technology) or MATH 1730 (Precalculus) from the course prerequisites.
  - Adding ENGT 1400 (Applied Calculus for Engineering Technology) or MATH 1810 (Elements of Calculus) as prerequisite/co-requisite requirements.

- MET 3600 – Integrated Manufacturing
  - Removing MET 3500 (Machine Dynamics) and PHYS 2010 (College Physics I) and 2011 (College Physics I Lab) from the course prerequisite.
  - Adding the statement: " and junior class level" to the course prerequisites.

- MET 4100 – Project and Process Management
  - Removing MET 3600 (Integrated Manufacturing) from the course prerequisite.
  - Adding MET 3500 (Machine Dynamics) or instructor permission to the course prerequisites.

- MET 4160 – Mechatronics Capstone
  - Removing "Department Chair permission" from the course prerequisites.
  - Adding MET 4100 (Project and Process Management) to the course prerequisites.

- MSLP 6050 – Acquired Neurolinguistic Disorders
  - Changing the wording of the prerequisite from "Admission to the graduate program in speech-language pathology" to "Admission to the Master of Speech-Language Pathology program".

- MSLP 6082 – Counseling for the Speech-Language Pathologist
  - Updating the prerequisite language from "Admission to the MSLP program, satisfactory progress with MSLP program" to "Admission to the graduate program in speech-language pathology, documented satisfactory progress in the graduate program in speech-language pathology".

- NURS 3061 – Psychiatric Mental Health Nursing Clinical
  - Adding the prerequisite of: "The successful completion of sophomore-level nursing courses".

- NURS 3071 – Adult Health I Nursing Clinical
  - Adding the prerequisite of: "The successful completion of sophomore-level nursing courses".

- NURS 3210 – Introduction to Nursing Research
  - Removing the prerequisite of: "Completion of sophomore level courses".
  - Adding the prerequisite of: "Admission to the BSN program".

- NURS 3300 – Concepts of Professional Nursing
  - Removing the prerequisite of: "Admission to the RN to BSN concentration".
  - Adding the prerequisite of: "Admission to the BSN program".

- NURS 4041 – Maternal Child Nursing Clinical
  - Adding the prerequisite of: "Completion of junior-level nursing courses".

- NURS 4051 – Community and Public Health Nursing Clinical
  - Adding the prerequisite of: "Completion of junior-level nursing courses".

- NURS 4071 – Nursing Leadership and Management of Professional Nursing Clinical
  - Adding the prerequisite of: "Completion of junior-level nursing courses".

- NURS 4080 – Trends and Issues of Professional Nursing
  - Removing the prerequisite of: "Successful completion of Junior Nursing courses".
  - Adding the prerequisite of: "Admission to the BSN program".

- STAT 5130 – Experimental Design
  - Removing the prerequisite of STAT 4120 (Introduction to Regression Analysis), see undergraduate bulletin for description, or STAT 5120 (Regression Analysis).
  - Adding STAT 5050 (Probabilistic and Statistical Reasoning) as the course prerequisite.

- THEA 3900 – Drafting
  - Adding the following statement to the prerequisite: "and course is restricted to those pursuing theatre and dance majors, minors, or concentrations, or by permission of instruction".

- **Course Delete** **Implementation Fall 2026**

  - EC 5130 – Trends and Issues in Early Childhood Education
    - All EC courses have been replaced with an equivalent ECSP course.

  - EC 5140 – Seminar on Applications of Development Theory
    - All EC courses have been replaced with an equivalent ECSP course.

  - EC 5170 – Seminar on Evaluation and Assessment in Early Childhood Education
    - All EC courses have been replaced with an equivalent ECSP course.

  - ENGL 1210 – English as a Second Language I
    - The department is proposing to terminate the course as it has not been offered in six years and there are no current plans in place to offer the course in the future.

  - ENGL 1220 – English as a Second Language II
    - The department is proposing to terminate the course as it has not been offered in six years and there are no current plans in place to offer the course in the future.

  - GERM 3410 – Business German
    - The department is proposing to terminate the course as it has not been offered in six years and there are no current plans in place to offer the course in the future.

  - GERM 4110 – Independent Study in German
    - The department is proposing to terminate the course as it has not been offered in six years and there are no current plans in place to offer the course in the future.

- GERM 4120 – Independent Study in German
  - The department is proposing to terminate the course as it has not been offered in six years and there are no current plans in place to offer the course in the future.

- HIST 5655 – Black Women's and Men at Work Graduate
  - The course is being terminated as it is no longer being taught.

- HIST 5850 – African Americans in the Military
  - This course has not been taught since the MA in Military History was changed to the MA in History, and therefore, it is being terminated.

- NURS 2010 – Introduction to Professional Nursing
  - This course is being terminated as it is a separate PLBSN Concepts course and is being combined with the RN-BSN Concepts course to create a single collaborative course.

- NURS 3310 – Nursing Research in RNs
  - This course is being terminated as it is a RN to BSN course and being combined with the PLBSN research course to create a single, collaborative course.

- NURS 4380 – Trends and Issues for RNs
  - This course is being terminated as it is a separate RN to BSN Trends and Issues course and is being combined with the PLBSN Trends and Issues course to create a single, collaborative course.

- WGST 3050 – Women in the Arts
  - The department is proposing to terminate the course as it has not been offered in six years and there are no current plans in place to offer the course in the future.

- WGST 3060 – Gender and Performance
  - The department is proposing to terminate the course as it has not been offered in six years and there are no current plans in place to offer the course in the future.

Action Agenda Items

College of Arts and Letters

Department of Art and Design – represented by Dr. McLean Fahnestock

Undergraduate New Course **Implementation Fall 2026**
Final approval required by the Provost

1. ART 3890 – Visual Content for Social Media
    - A course designed to cultivate new skills in creating visual content tailored to social media platforms, with the goal of extending students' capacity to engage and influence broader audiences.
    - Prerequisites: ART 1045 (Drawing I), ART 1340 (Foundations Studio I), and ART 1360 (Foundations Studio 3).

2. ART 4030 – Advanced Digital Worlds
    - An advanced exploration of creating digital assets within a narrative context.
    - Prerequisite: ART 2420 (Digital 3D) with a grade of "C" or higher.

Department of Communication – represented by Dr. Jessica Morris

Undergraduate New Course **Implementation Fall 2026**
Final approval required by the Provost

3. COMM 3555 – AI and Professional Communication
    - This course prepares students to navigate and leverage AI tools in modern workplace environments. Students will examine how AI technologies influence communication practices, ethical considerations, and decision-making. Through hands-on projects, case studies, and collaborative exercises, students will develop skills in digital literacy, critical thinking, and effective communication using AI-enhanced platforms.
    - Prerequisites: COMM 1200 (Introduction to Mass Communication), COMM 1110 (Media and Social Institutions), COMM 1400 (Introduction to Public Relations), or COMM 2010 (Introduction to Corporate Communication).

Undergraduate Program Modification **Implementation Fall 2026**
Final approval required by the Provost

4. Corporate Communication Concentration in Professional Communication BA/BS
    - Remove COMM 1110 (Media and Social Institutions) from the Major Core.
    - Adding COMM 1200 (Introduction to Mass Communication) to the Major Core.
    - Adding COMM 2230 (Careers in Professional Communication) to the Concentration Requirements.

- Adding COMM 3250 (Professional Communication Competencies) and COMM 3555 (AI and Professional Communication) to the Concentration Requirements.
- Adjusting the Concentration Guided electives by adding and removing appropriate courses.

5. Public Relations Concentration in Professional Communication BA/BS
    - Remove COMM 1110 (Media and Social Institutions) from the Major Core.
    - Adding COMM 1200 (Introduction to Mass Communication) to the Major Core.
    - Remove COMM 2090 (Interpersonal Communication) from the Concentration requirements.
    - Adding COMM 2230 (Careers in Professional Communication) to the Concentration requirements.
    - Remove COMM 3420 (Principles of Social Media) from the Concentration requirements.
    - Adding COMM 3250 (Professional Communication Competencies), COMM 3555 (AI and Professional Communication), COMM 3770 (Social Media Tactics) to the Concentration requirements.
    - Adjusting the Concentration Guided Electives by adding and removing the necessary courses.

6. Communication Information Specialist Concentration in Professional Communication BA/BS
    - Remove COMM 1110 (Media and Social Institutions) from the Major Core.
    - Adding COMM 1200 (Introduction to Mass Communication) to the Major Core.
    - Adjusting the Concentration Guided Electives by adding and removing appropriate courses.

Department of Languages and Literature – represented by Dr. Wes Atkinson

Graduate New Course **Implementation Fall 2026**

Final approval required by the Provost

7. ENGL 5840 – Emerging Technologies in Writing Advanced
    - Examines the rhetoric, practice, theory, and ethics of emerging technologies, such as AI, social media, and virtual reality.
    - Prerequisite: English Major restriction.

Department of Music – represented by Dr. Michael Chandler

Undergraduate New Course **Implementation Fall 2026**

Final approval required by the Provost

8. MUS 1516 – Commercial Music Ensemble
    - Commercial Music Ensemble will learn and perform popular music from the United States from 1950 to the present day.

9. MUS 3516 – Commercial Music Ensemble
    - Commercial Music Ensemble will learn and perform popular music from the United States from 1950 to the present day.

Department of Theatre and Dance – represented by Joe Pew

Undergraduate New Course **Implementation Fall 2026**

Final approval required by the Provost

10. THDA 4000 – Technical Direction and Theatre Management
    - This course introduces the principles and practices of technical direction and production management for theatre. Students will learn how to interpret design drawings, plan and budget productions, manage and build schedules, coordinate crews, and oversee the technical realization of stage designs. Emphasis is placed on organization, communication, safety, and collaboration within the production process.
    - Prerequisite: THEA 1900 (Introduction to Scenic Design) and restricted to those pursuing Theatre and Dance majors, minors or concentrations or permission of instructor.

Undergraduate Program Modification **Implementation Fall 2026**

Final approval required by the Provost

11. Design Concentration in BFA Art
    - Removing THEA 1700 (Elements of Design/Rendering Techniques) from the lower-level concentration requirements.
    - Adding ART 1340 (Foundations Studio I) to the lower-level concentration requirements.
    - THEA 1900 (Drafting I) is being renamed to Intro to Scenic Design in the concentration requirements.
    - Removing THEA 4150 (Period Styles of Costumes) from the upper-level concentration requirements.
    - THEA 4100 (Periods Styles of Architecture) is being renamed to Period Styles for Theatre in the concentration requirements.
    - Reducing the number of required upper-level concentration requirements from 36 to 33 credit hours.
    - Removing ART 1360 (Foundations Studio 3) from the additional requirements.
    - THEA 3900 (Drafting II) is being renamed to Drafting in the additional requirements.
    - Adding THDA 4000 (Technical Direction/Production Management) to the additional requirements.
    - Adding ART 1350 (Foundations Studio II) and ART 1045 (Drawing I) to the guided electives.

12. Stage Management Concentration in Art BFA
    - Remove THEA 1700 (Elements of Design/Rendering Techniques) from the Concentration Guided Electives.

- Remove THEA 4150 (Period Styles of Costumes) from the Concentration Guided Electives.
- THEA 1900 is being renamed from Drafting I to Introduction to Scenic Design in the Concentration Guided Electives.
- THEA 3900 is being renamed from Drafting II to Drafting in the Concentration Guided Electives.
- THEA 4100 (Periods Styles of Architecture) is being renamed to Period Styles for Theatre in the Concentration Guided Electives.

College of Behavioral and Health Sciences

Department of Health and Human Performance – represented by Dr. Kelly Kleinhans

Graduate New Course **Implementation Fall 2026**

Final approval required by the Provost

13. MSLP 6190 – Clinical Reasoning I: Diagnostic and Intervention Principles
    - Companion seminar to the SLP Practicum for Beginners. Introduces foundational diagnostic reasoning and intervention planning in speech-language pathology. Weekly debriefs link current practicum experiences to evidence-informed decisions, professional communication, and reflective practice.
    - Prerequisite: Admission to the MSLP program.
    - Corequisite: MSLP 6090 (Speech-Language Pathology Clinical Practicum for Beginners).

14. MSLP 6192 – Clinical Reasoning II: Clinical Methods and Evidence Integration
    - Companion seminar to SLP Clinical Practicum that advances applied clinical thinking. Students connect evidence to practice through structured case discussions and reflective debriefs, refining decisions, intervention planning, and outcome monitoring. Emphasis on integrating research evidence, client values, and clinical expertise to improve real-time clinical performance and develop professional communication.
    - Prerequisite: Admission to the MSLP program.
    - Corequisite: MSLP 6092 (Speech-Language Pathology Clinical Practicum).

15. MSLP 6194 – Competency Skills Lab I
    - Performance-based companion to Speech-Language Pathology Advanced Practicum in which student clinicians demonstrate foundational clinical competencies through standardized checkoffs and rapid remediation as needed. Emphasis is on safe, effective, independent execution og core tasks.
    - Corequisite: MSLP 6094 (Advanced Speech-Language Pathology Clinical Practicum).

16. MSLP 6195 – Competency Skills Lab II
    - Companion to Speech-Language Pathology Advanced Practicum that validates integrated, externship-ready performance. Students engage in complex, case-based verification activities that require synthesis across clinical domains, professional communication, and justified decision-making. Emphasis is on application, integration, and readiness for increased independence.
    - Corequisite: MSLP 6094 (Advanced Speech-Language Pathology Clinical Practicum).

17. MSLP 6197 – Clinical Reasoning III: Advanced Case Management and IPP
    - Companion seminar to off-campus clinical experiences (school placement or externship). Weekly debriefs to reflect on experiences, analyze cases, and work as members of interprofessional teams.
    - Prerequisite: Admission to the MSLP program.

18. MSLP 6199 – Clinical Reasoning IV: Grand Rounds
    - Companion seminar to off-campus clinical experiences (school placement or externship). Evidence of clinical reasoning is required during Grand Rounds event, a culminating event in which students lead case presentations and communicate with a interprofessional audience by presenting cases, clinical innovations, and topics of interest from clinical experiences.
    - Prerequisite: Satisfactory progress in the MSLP program.

Graduate Program Modification **Implementation Fall 2026**

Final approval required by the Provost

19. Speech-Language Pathology MSLP
    - Increasing the total required credit hours from 54 to 57 to better reflect students' workload and clinical progression.
    - Clinical Reasoning seminar sequence:
        - New companion seminars to all clinical courses: MSLP 6190 (Clinical Reasoning I: Diagnostic and Intervention Principles), 6192 (Clinical Reasoning II: Clinical Methods and Evidence Integration), 6197 (Clinical Reasoning III: Advanced Case Management and Interprofessional Practice), 6199 (Clinical Reasoning IV: Grand Rounds) to scaffold professional thinking and expectations for clinical decision-making across the program.

- Competency-based education:
    - Added MSLP 6194 (Competency Skills Lab I) and 6195 (Competency Skills Lab II) as companions to MSLP 6094 (Advanced SLP Clinical Practicum) to formalize competency measurement and documentation.
- Removing MSLP 6056 (Contemporary Issues).
- Removing MSLP 6080 (Pediatric Motor Speech).
- Titles and descriptions updated to map explicitly to the CFCC knowledge/skills and to strengthen progressive, integrated learning across the curriculum.

Department of Leadership – represented by Dr. William Rayburn

Undergraduate New Certificate **Implementation Fall 2026**

Final approval required by the President

20. Leadership in Law Enforcement
    - The Leadership in Law Enforcement certificate equips students with a strong foundation in leadership principles and the U.S. criminal justice system. Designed for law enforcement officers, administrators, and others seeking career advancement, the certificate combines theoretical knowledge with practical skills. Additionally, students will be equipped with durable skills in ethical decision-making and organizational leadership, complemented by a strong foundation in criminal law and justice practices.

School of Nursing – represented by Dr. Kristen Butler

Undergraduate New Course **Implementation Fall 2026**

Final approval required by the Provost

21. NURS 2001 – Transitions to Professional Practice LPNs
    - This course for LPNs pursuing a BSN validates prior learning, introduces new skills, and emphasizes clinical judgment, communication, safety, and collaboration. Delivered online, on-ground, and through OCI experiences, it prepares students for holistic, evidence-based, patient-centered care.
    - Prerequisite: Admission to the LPN to BSN program.

22. NURS 2002 – Foundations Practical Nursing
    - Credits are awarded upon successful completion of an accredited Practical Nursing program and passage of the State Board of Nursing licensure examination for Licensed Practical Nursing.
    - Prerequisites: Admission to the LPN to BSN Program; NURS 2000 (Transition to Professional Practice for LPNs).

Undergraduate New Concentration **Implementation Fall 2026**
Final approval required by the President

23. LPN-to-BSN Concentration in Nursing BSN
    - The School of Nursing is proposing the new concentration as a structured pathway for licensed practical nurses to advance their education and earn a Bachelor of Science in Nursing degree.

College of Business

Department of Management and Marketing – represented by Dr. Tim Self

Graduate New Course **Implementation Fall 2026**
Final approval required by the Provost

24. BUS 5320 – Applied Supply Chain Management
    - This course provides a practical understanding of supply chain management across procurement, operations, logistics, and integration. Emphasizing real-world application, students analyze current business challenges and develop strategies to improve efficiency, manage risk, and create value that supports organizational goals and customer satisfaction.
    - Prerequisite: MBA Major.

25. BUS 5340 – Agile Project Management
    - This course introduces students to the principles and practices of Agile Project Management. Emphasizing adaptability, collaboration, and value delivery, the course explores how Agile methods differ from traditional project management approaches. Students will gain insights into Agile values, roles, artifacts, and frameworks, while learning how Agile fosters continuous improvement, customer focus, and team empowerment.
    - Prerequisite: MBA Major.

26. ECON 5420 – Current Topics in Economics
    - This graduate elective examines how artificial intelligence transforms economic analysis and business decision-making. Students use AI tools to track real-time policy, trade, and market developments, interpreting their implications for industries and regions. Emphasis is on applying economic insights to strategic decision-making in dynamic policy environments.
    - Prerequisite: MBA Major.

Graduate Program Modification **Implementation Fall 2026**
Final approval required by the Provost

27. Business Administration, MBA
    - Remove FIN 5020 (Financial Management) from the Major Core for all concentrations.
    - Add one Major Guided elective from any BUS course 5000 – 5999 for all concentrations.

- Increasing the GPA for admissions to 2.75, unless the applicant has at least five years of professional work experience.

College of Science, Technology, Engineering, and Mathematics

New Academic Unit **Implementation Fall 2026**

Final approval required by THEC

28. Department of Aviation Science
    - Austin Peay State University and the College of Science, Technology, Engineering, and Mathematics is seeking to establish a new academic department, the Department of Aviation Science.

    - The Bachelor of Science in Aviation Science, as well as the Robinson Flight Instructor Certificate will be housed within the new department. Both programs fall under the Federal CIP Code of 49.0101.

    - Currently, these programs, along with the Associate of Applied Science and Bachelor of Science in Engineering Technology, are housed in the Department of Engineering Technology. The aviation-related degree programs have different external accrediting bodies, and their pilot school and flight operations are located at the Clarksville Regional Airport. In contrast, the engineering technology programs and courses are offered at both the Clarksville and Fort Campbell locations, with the accrediting body being ABET. Creating a Department of Aviation Science will enable these aviation-related programs to have their own distinct department, with appropriate alignment of department missions, logistics, and procedures. This will benefit students, faculty, and staff in both departments.

Department of Biology – represented by Dr. Gilbert Pitts

Undergraduate Program Modification **Implementation Fall 2026**

Final approval required by the Provost

29. Biology Minor
    - Removing the option of completing four hours from three different series of Biology courses.
    - Adding a more general elective requirement of 12 hours of BIOL credit from any 3000 – 4999 level courses.

30. Pre-Professional Health Concentration
    - The Department of Biology is seeking to add a concentration in Pre-Professional Health. This new concentration will support students who wish to pursue Pre-med, Pre-PA, and other Pre-Professional programs. Additionally, by pursuing this program as a concentration, students can declare a specific area of study and become eligible for financial aid.

31. Pre-Professional Health Minor
    - The minor was originally created to allow pre-professional health students to receive financial aid for their required courses. As Financial Aid requirements have changed, many students are no longer able to declare a minor and receive aid for those courses. Due to this change, the Department of Biology proposes to terminate the minor and create a Pre-Professional Health concentration to allow students in pre-professional programs to receive appropriate aid.

Department of Computer Science and Information Technology – represented by Dr. Leong Lee

Undergraduate New Course **Implementation Fall 2026**

Final approval required by the Provost

32. CSCI 3551 – 3D Game Development
    - An introduction to the fundamental concepts and techniques of 3D video game development. Topics include 3D programming with 3D models, implementing camera systems, creating lighting effects, game loops, input handling, physics, collision detection, and introductory game project structure using an industry-standard game engine.
    - Prerequisite: CSCI 2000 (Programming for STEM) or CSCI 2010 (Introduction to Programming II).

33. CSCI 3552 – Game Production Pipeline and Deployment
    - This course introduces the processes and tools used to integrate visual, audio, and interactive elements into a cohesive game experience. Students will learn how to combine assets, scripts, and user interface components while preparing projects for cross-platform deployment, 2D and 3D asset creation, and effective audio integration for immersive gameplay.
    - Prerequisite: CSCI 3550 (Introduction to Game Development) or CSCI 3551 (3D Game Development).

Graduate New Course **Implementation Fall 2026**

Final approval required by the Provost

34. CSCI 5450 – Artificial Intelligence
    - This is a graduate-level course that covers advanced methods and applications of artificial intelligence (AI). Emphasis will be placed on the theoretical frameworks as well as on the mastery of AI programming tools. Students will review research papers and engage in a project. A significant amount of mathematics and programming background is required.

Department of Earth and Environmental Sciences –
represented by Dr. Chris Gentry and Dr. Gregory Ridenour

Undergraduate Program Modification **Implementation Fall 2026**
Final approval required by the President

35. African Studies Minor
    - The Department of Earth and Environmental Sciences is seeking to create a minor in African Studies. The African Studies minor is designed to meet the needs of students interested in African geography, history, politics, and culture. The interdisciplinary minor is supported by the departments of African American Studies, Art & Design, Earth & Environmental Sciences, History & Philosophy, Languages & Literature, Music, and Political Science.

Graduate New Course **Implementation Fall 2026**
Final approval required by the Provost

36. EES 5500 – Advanced Topics
    - An independent study course allowing students to conduct an in-depth study on an advanced topic in earth and environmental sciences, geared towards the students' interests and career plans. Topics are selected in joint consultation between student and instructor. Students will apply and synthesize course material through advanced study, research, or internship.
    - Prerequisite: Admission to the MS Environmental Science and permission of instructor.

Department of Engineering Technology-

Undergraduate New Course **Implementation Fall 2026**
Final approval required by the Provost

37. ENGT 4865 – Mechanical Systems Applications
    - Lab course to support required courses and subject areas in the mechanical concentration; coursework also to include groundwork for the required capstone project course (ENGT 4895). Labs based on material from prerequisite courses. Course to be taken during the senior year in sequence with the mechanical capstone.

Undergraduate Program Modification **Implementation Fall 2026**
Final approval required by the Provost

38. Mechanical Engineering Technology Concentration in Engineering Technology BS
    - Adding ENGT 4865 (Mechanical Systems Laboratory) to the concentration requirements.
    - Reducing the concentration guided electives from three to two.
    - Removing ENGT 3190 (Reverse Engineering and 3D Laser Scanning), ENGT 3810 (Plastics Manufacturing Technology), ENGT 3830 (Metals Manufacturing), and ENGT 4130 (Additive

Manufacturing Applications) from the concentration guided electives.

Department of Mathematics and Statistics –
represented by Dr. Ramanjit Sahi and Dr. Jackie Vogel

Undergraduate New Course **Implementation Fall 2026**

Final approval required by the Provost

39. MATH 1560 – Data Science for Everyone
    - This course introduces students to the fundamentals of data science through real-world examples from business, health, social sciences, and other diverse fields. Students will learn to collect, clean, visualize, and analyze data, develop basic programming and statistical skills, and explore ethical considerations in data use. The course emphasizes practical problem-solving, critical thinking, and communicating insights from data.
    - Prerequisite: Demonstrate proficiency in mathematics.

40. MATH 2560 – Quantitative Methods in Artificial Intelligence
    - This course equips students with core mathematical methods essential for data science and artificial intelligence. Topics include Linear Algebra, Probability and Statistics, Calculus and Optimization, Machine Learning, and Ethical AI. Students will apply these methods to develop and analyze machine learning and AI models using real-world datasets.
    - Prerequisite: Any Mathematics Core course (this would include MATH 1560 (Data Science for Everyone) if approved for General Education Core).

Undergraduate New Certificate **Implementation Fall 2026**

Final approval required by the President

41. Data Science and AI
    - Due to the increasing demand in the emerging field of Data Science, the Department of Mathematics and Statistics is proposing the Data Science and AI Certificate.
    - Certificate requirements will be: MATH 1560 (Data Science for Everyone); MATH 2560 (Quantitative Methods in Artificial Intelligence); MATH 4321 (Introduction to Data Analysis and Programming); and STAT 4170 (Data Visualization and Exploration).

Department of Physics, Engineering, and Astronomy – represented by Jasmine O'Brien

Undergraduate Program Modification **Implementation Fall 2026**

Final approval required by the Provost

42. Physics, BS
    - Adding PHYS 4840 (Statistical Mechanics) to the major requirements.
    - Increase the major requirements from 60-64 hours to 63-67 hours.

- Reduce the number of general electives from 7-11 to 4-8.

43. Astrophysics Concentration in Physics BS
    - Adding PHYS 4840 (Statistical Mechanics) to the major requirements.
    - Increase the major requirements from 60-64 to 63-67 hours.
    - Reduce the number of general electives from 7-11 to 4-8.

Martha Dickerson Eriksson College of Education

Department of Educational Specialties – represented by Dr. Joanne Philhower

Graduate New Course **Implementation Fall 2026**

Final approval required by the Provost

44. SCI 6550 – Social Issues in Science Education
    - An introductory examination of historical developments influencing the trajectory of science education compared with modern challenges and opportunities in the implementation of research-based science instruction, equitable and culturally responsive science, policy issues, and/or other problems relevant to the goals of creating a scientifically literate society. Master's students will develop novel, experimental approaches for researching specific problems.

45. SCI 6770 – Integrating of STEM Instruction
    - This course explores strategies for the design, implementation, and support of contemporary integrated STEM learning environments. Students will examine integrated and multidisciplinary practice-based pedagogies, the building of interdisciplinary bridges, and the melding of sociocultural and cognitive factors influencing P-20 STEM education.

Department of Teaching and Learning – represented by Dr. Joanne Philhower

Graduate New Course **Implementation Fall 2026**

Final approval required by the Provost

46. SPED 5100 – Introduction to Visual Impairments, Eye Conditions, and Low Vision
    - This course will introduce students to the anatomy and physiology of the eye, typical visual development, common eye pathologies, and brain-based conditions that affect visual functioning. The impact of visual disorders on the educational, social, and behavioral domains of an individual will be discussed. Low vision eye exams and assessment, optical and non-optical low vision devices, and environmental modifications will also be covered. Class format will consist of units and individual lessons on topics. Presentations will be in multi-media format including use of written lectures, Power Point, video lectures, etc.

47. SPED 5150 – Foundations of Braille
    - This course has been designed to teach an appreciation for the braille system and basic competencies in reading and writing literary Braille. Students will employ the use of the Perkins Braille Writer, slate and stylus, Perky Duck, and Duxbury translation software to produce high quality Braille material. Face to face instruction will be required for this course. This course will contain a mid-term and final exam.

48. SPED 5300 – Advanced Braille, Nemeth, and Assistive Technology
    - This Provides instruction on transcription of advanced braille codes, including mathematics (Unified English Braille (UEB) and Nemeth), music, foreign language, and other specialized codes. Introduces techniques for teaching skills in each code. Explores technology tools used to create braille and tactile materials in addition to other assistive technologies used for instruction in science, technology, engineering, and mathematics (STEM) content. This course will contain a mid-term and final exam.

49. SPED 5400 – Instructional Strategies for Individuals with Visual and Multiple Disabilities
    - For learners with visual impairments and multiple disabilities, this course will provide students with the pedagogical preparation to effectively teach Braille reading and writing, organize activities to promote literacy development, utilize assistive technology, teach compensatory skills and strategies for mathematics, development of listening skills, as well as other instructional adaptations for the curricular areas of language arts, science, and social studies. In addition, social skills and other specialized curricula will be discussed.

50. SPED 5600 – Assessment and Teaching Methods in Visual Impairments
    - This course emphasizes assessment and methods of teaching compensatory skills, the expanded core curriculum, functional vision assessments and more. Further, curriculum development, adaptations, research-based interventions within various educational programs and adaptations of general education classroom materials and procedures for use with children with visual impairments will be explored.

Undergraduate Program Modification **Implementation Fall 2026**

Final approval required by the Provost

51. 6-12 Secondary Biology Education Concentration in BS Education
    - Removing SCI 4030 (Science Curriculum Development) from the program requirements.
    - Adding SCI 4031 (Science Curriculum Development) to the program requirements.

Graduate New Certificate **Implementation Fall 2026**

Final approval required by SACSCOC

52. Special Education Vision Impairment
    - The 18-credit-hour certificate is designed for candidates who currently possess a bachelor's or master's degree in education and are interested in completing an add-on endorsement to be able to teach Special Education Vision. The program will allow students to obtain knowledge of

contemporary theories, pedagogies, and research in Visual Impairment and low vision curriculum and instruction.

Graduate Program Modification **Implementation Fall 2026**

Final approval required by the Provost

53. Career and Technical Licensing Certificate
    - Removing EDUC 5500 (Foundations of American Education) to the certificate requirements.
    - Adding EDUC 5550 (Advanced Educational Psychology) from the certificate requirements.

54. Elementary Education (K-5) Licensure Concentration in Teaching MAT
    - Updating the concentration name so they are consistent in naming convention across the MAT program.
    - The name is being updated from Elementary Education K-5 Concentration to Elementary Education (K-5) Licensure Concentration.

55. Integrated Early Childhood Education (PreK-3) Licensure Concentration in Teaching MAT
    - Updating the concentration name so they are consistent in naming convention across the MAT program.
    - The name is being updated from Integrated Early Childhood Education (PreK-3) to Integrated Early Childhood Education (PreK-3) Licensure Concentration.

56. Middle Grades Mathematics (6-8) Licensure Concentration in Teaching MAT
    - Updating the concentration name so they are consistent in naming convention across the MAT program.
    - The name is being updated from Middle Grades 6-8 Mathematics concentration to Middle Grades Mathematics (6-8) Licensure Concentration.

57. Middle Grades Science (6-8) Licensure Concentration in Teaching MAT
    - Updating the concentration name so they are consistent in naming convention across the MAT program.
    - The name is being updated from Grades 6-8 Science Licensure concentration to Middle Grades Science (6-8) Licensure Concentration.

58. Secondary Education (6-12) Licensure Concentration in Teaching MAT
    - Updating the concentration name so they are consistent in naming convention across the MAT program.
    - The name is being updated from Secondary Education (7-12) concentration to Secondary Education (6-12) Licensure Concentration.

59. Secondary Science (6-12) Licensure Concentration in Teaching MAT

- Updating the concentration name so they are consistent in naming convention across the MAT program.
- The name is being updated from 6-12 Licensure Secondary Science concentration to Secondary Science (6-12) Licensure Concentration.

60. Special Education Interventionist (K-8) Licensure Concentration in Teaching MAT
    - Updating the concentration name so they are consistent in naming convention across the MAT program.
    - The name is being updated from Special Education K-8 Interventionist concentration to Special Education Interventionist (K-8) Licensure Concentration.