

To: Faculty Senate Executive Committee
 From: Cate Johnson, FSCC Chair
 Date: February 23, 2026
 Re: New Course Report

Course Title	College	Credits	Prerequisites	Course Description
ACCT 510: Intermediate Accounting 1	B&E	3		This course is designed for students who have completed Accounting Principles I and II but do not hold an undergraduate degree in accounting. The course provides an intensive, graduate-level foundation in financial accounting concepts and practices, focusing on the preparation, presentation, and analysis of financial statements in accordance with U.S. GAAP.
ACCT 525: Accounting Data Analytics	B&E	3		This course introduces students to the use of data analysis tools and techniques to enhance accounting, auditing, and financial decision-making. Designed for students without a background in data analytics, the course provides practical skills for collecting, analyzing, visualizing, and interpreting data in an accounting context. Students will apply analytical methods using Excel, Power BI, and other software to solve problems.
ACCT 531: Managerial Accounting	B&E	3	ACCT 511.	This graduate-level course introduces the use of accounting information for internal planning, decision-making, and control. Designed for students without an undergraduate degree in accounting, the course builds upon financial accounting principles to develop skills in cost analysis, budgeting, performance measurement, and strategic management. Topics include cost behavior, cost-volume-profit (CVP) analysis, product costing, variance analysis, and capital budgeting.
ACCT 540: Individual Taxation	B&E	3		This graduate course in Individual Taxation provides an in-depth examination of federal income tax principles applicable to individuals. It emphasizes critical analysis of the Internal Revenue Code, Treasury Regulations, and judicial decisions as they relate to income determination, deductions, credits, and the taxation of property transactions. The course integrates tax planning and ethical considerations through applied research and case analysis.
ACCT 545: Tax Accounting	B&E	3	ACCT 542.	This graduate-level course in Tax Accounting provides an in-depth examination of accounting methods and periods under the Internal Revenue Code. The course covers accrual and cash methods, changes in accounting methods, inventories, long-term contracts, and timing of income and deductions. Students will also explore procedural aspects of tax practice, including IRS examinations, penalties, rulings, and appeals.

ACCT 546: Partnership Taxation	B&E	3		This graduate-level course in Partnership Taxation explores the federal income tax treatment of entities classified as partnerships and their partners under Subchapter K of the Internal Revenue Code. Topics include formation, operations, allocations of income and loss, distributions, basis adjustments, sales and exchanges of partnership interests, and liquidations.
ACCT 547: State and Local Taxation	B&E	3		This graduate-level course in State and Local Taxation (SALT) provides a detailed study of the principles, rules, and practices governing taxation at the state and local levels in the United States. Topics include corporate and individual income taxes, sales and use taxes, property taxes, and business license taxes. Emphasis is placed on constitutional limitations, nexus, apportionment, and multistate compliance.
ACCT 548: International Taxation	B&E	3		This course explores the U.S. federal income tax rules governing cross-border transactions involving individuals and corporations. It examines inbound and outbound taxation, the foreign tax credit system, Subpart F income, Global Intangible Low-Taxed Income (GILTI), and the Base Erosion and Anti-Abuse Tax (BEAT). Students will analyze international tax treaties, transfer pricing principles, and current developments in OECD initiatives.
ACCT 549: Advanced Individual Tax Planning	B&E	3	ACCT 540.	This graduate course in Advanced Individual Tax Planning provides an in-depth exploration of federal income tax issues affecting high-net-worth individuals and complex personal financial situations. Students will analyze advanced topics such as alternative minimum tax (AMT), passive activity losses, net investment income tax, qualified business income (QBI) deduction, retirement planning, executive compensation, charitable contributions, and wealth transfer strategies.
ACCT 550: Estates, Gifts, and Trusts	B&E	3	ACCT 540.	This course provides a comprehensive overview of federal transfer taxation under the Internal Revenue Code. Topics include the estate tax, gift tax, and generation-skipping transfer tax, as well as the income taxation of estates and trusts. The course emphasizes tax planning strategies, compliance requirements, and ethical considerations in wealth transfer and fiduciary taxation.
ACCT 562: Accounting Capstone	B&E	3	ACCT 501 and ACCT 520 and ACCT 525 and ACCT 540.	The Accounting Capstone course serves as the culminating experience for students in the Master of Science in Accounting program. It integrates knowledge from prior coursework in financial accounting, auditing, taxation, managerial accounting, and data analytics to solve complex, real-world accounting problems. Students will engage in case-based analysis, applied research, and team projects designed to simulate professional accounting environments.

ANTH 453: Anthropology of Violence	A&S	3	Analyzes social and cultural aspects of violence through ethnographic approaches. Examines wide-ranging manifestations of violence and social suffering, including forms of structural, symbolic, everyday, and gender violence, as well as political violence and its legacies.
ARHS 512: Museums in Action	CCAM	3	Museums in Action will explore the many ways in which museums connect with communities. Students will analyze current best practices for encouraging museum visitors to engage with, learn from, and experience the objects they have on display. The course includes practical projects, where students will plan and implement components of museum outreach such as tours and public programs.
ART 320S: Book Arts	CCAM	3	ART 224S. This course explores the form of the book in a fine arts context. Students will have an opportunity to learn skills that allow them to appropriately manipulate materials and use specialized tools related book arts to replicate and improvise a wide-range of bookbinding techniques.
BIOL 458: Systems Biology	A&S	3	BIOL 219. Systems Biology is an approach to understanding the dynamics of biological processes by integrating and assessing changes in and across networks. Technologies driving this approach include genome-wide sequencing of DNA and RNA, measurements of genome-protein interactions, and measurement of proteome levels and post-translational protein modifications.
BIOL 682: Graduate Career Preparedness	A&S	1	BIOL 681. Designed to give students the tools to identify and evaluate their skills, interests, and goals in a way that can translate across careers, particularly, those outside of academics. Students will develop critical resources necessary to be competitive and to pursue diverse careers including academics, industry, and beyond.
BMEG 435: Healthcare Data Analytics & Decision Making	CEMR	3	MATH 251. This course leverages modern statistical and computational tools to develop predictive methods for making decisions related to diagnosis, efficacy and policy in healthcare. Examples include analysis of cholesterol reduction using different statin drugs, analyzing active ingredient production for GMP, Pfizer COVID-19 vaccine trial efficacy, statistical modeling to correlate heart disease with high blood pressure, high cholesterol, alcohol use, obesity, etc.
BMEG 535: Healthcare Data Analytics & Decision Making	CEMR	3	This course leverages modern statistical and computational tools to develop predictive methods for making decisions related to diagnosis, efficacy and policy in healthcare. Examples include analysis of cholesterol reduction using different statin drugs, analyzing active ingredient production for GMP, Pfizer COVID-19 vaccine trial efficacy, statistical modeling to correlate heart disease with high blood pressure, among others.

CDFS 213: Foundations of Human Development: Infancy Through Childhood	AHS	3		This course includes content on the development from birth through age 9 across the physical, gross motor, fine motor, cognitive, language, social, and emotional domains. Students will explore key developmental theories and consider cultural variations in development. Emphasizing the applied nature of work with families and individuals during infancy, toddlerhood, early childhood, and middle childhood.
CHE 481: Sustainable Extraction Methods of Rare Earth Elements and Critical Minerals	CEMR	3	BMEG 321 or CHE 321 or CHEM 341 or MAE 320.	This course introduces scientific principles, engineering methods, and emerging innovations used to recover rare earth elements and critical minerals. Students will explore conventional hydrometallurgical processes alongside cutting-edge technologies, and data-driven approaches. Through projects, students will gain practical perspectives on designing environmentally responsible and economically viable resource recovery systems.
CHE 581: Sustainable Extraction Methods of Rare Earth Elements and Critical Minerals	CEMR	3	N/A	This course introduces scientific principles, engineering methods, and emerging innovations used to recover rare earth elements and critical minerals. Students will explore conventional hydrometallurgical processes alongside cutting-edge technologies, and data-driven approaches. Through projects, students will gain practical perspectives on designing environmentally responsible and economically viable resource recovery systems.
CM 310: Construction Materials	CEMR	3	(MATH 151 or MATH 156) with a minimum grade of C-.	This course introduces the properties, performance, selection, and construction applications of common materials used in the built environment, including concrete, steel, masonry, wood, asphalt, and emerging sustainable materials. Topics include material specifications, production processes, durability, quality assurance and control (QA/QC), sustainability considerations, and how material characteristics influence construction methods and basic structural behavior.
CM 315: Introduction to Construction Project Management	CEMR	3	ECON 200 with a minimum grade of C-.	This course introduces the fundamental concepts and processes of construction project management. Topics include project participants, project types, legal and organizational structures, delivery methods, contract fundamentals, estimating and bidding concepts, scheduling principles, and essential project documentation. The course provides the foundational project management knowledge required for advanced CM courses such as estimating, scheduling, and contracting.
CM 318: Construction Plan Reading	CEMR	3	(CE 210 and CE 210L and and CM 310) with a minimum grade of C- in each.	This course introduces the fundamentals of reading and interpreting construction drawings and specifications. Students learn to navigate architectural, structural, civil, and MEP drawings to extract information needed for estimating, scheduling, and project planning in construction management practice.

CM 421: Project Delivery and Contracting	CEMR	3	CM 315.	This course introduces the principles, practices, and legal foundations of project delivery and contracting in the architecture, engineering, and construction (AEC) industry. Students will explore how owners select project delivery methods, how contracts allocate roles and risks, and how project teams manage procurement, performance, disputes, and documentation.
CM 422: Mechanical, Electrical and Plumbing Systems in Constructions	CEMR	3	CM 318.	This course provides an overview of mechanical, electrical, and plumbing (MEP) systems commonly used in building construction. Students will learn how these systems are designed, coordinated, and integrated into construction projects, with an emphasis on constructability, building code requirements, sustainability, and interdisciplinary coordination.
CM 438: Highway Construction Management	CEMR	3	CM 315.	This course introduces the principles and practices of highway construction management, with emphasis on plan and schedule execution, materials production, equipment operations and management, quality assurance, and safety and risk control for highway projects. Students examine the staffing roles; learn construction methods for earthwork, pavements, drainage, and highway-related structures; and explore how cost, schedule, safety, and quality are managed.
CM 449: Digital Delivery for Highway Projects	CEMR	3	CM 315 and CM 318.	This course introduces digital delivery concepts and practices used in modern highway and transportation infrastructure projects. Topics include digital project delivery workflows, 2D/3D design data, model-based information exchange, construction documentation, data standards, and the use of digital tools to support planning, construction, and asset management of highway projects.
CM 460: Construction Management Internship	CEMR	3	CE 301 and CE 305 and CM 310 and CM 315.	The Construction Management Internship provides students with an opportunity to apply classroom knowledge in a professional construction environment. Students work under the supervision of an industry mentor in a construction management role, typically in a field office, home office, or on an active job site.
COUN 310: Case Management in Mental Health Services	AHS	3		This course introduces core case management responsibilities in mental health settings, emphasizing screening, assessment, intake, treatment planning, and clinical documentation. Students learn to gather biopsychosocial information, conduct culturally responsive assessments, and develop individualized treatment plans. Through case studies and experiential activities, students build foundational skills in intake summaries, diagnostic impressions, and progress notes to support client engagement and quality outcomes.

COUN 450: Self-Care for Helping Professionals	AHS	3		This course explores self-care as an ethical obligation for helping professionals. Through a relational-cultural lens, students engage in preventative self-care practices to ensure ethical service delivery. Topics include burnout, compassion fatigue, self-reflection, and professional sustainability. Using experiential activities and critical inquiry, students develop individualized self-care strategies appropriate for emerging professionals in mental health and human services fields.
CS 210L: Table and File Structures Laboratory	CEMR	1	CS 111 and CS 111L with a minimum grade of C- and PR or CONC: CS 210.	Laboratory for CS 210.
ECON 221: Principles of Quantitative Economics	B&E	3	(ECON 201 or ECON 202) with a minimum grade of C-.	The objective of this course is to develop the mathematical and quantitative tools necessary for studying intermediate microeconomic and macroeconomic theory, as well as upper-level economics electives. The course begins with the fundamentals of arithmetic and algebra, and then introduces key topics such as calculus, comparative statics, dynamic analysis, and matrix algebra.
EMGT 523: Team Facilitation for Productive Change	CEMR	3		Theory and techniques to form, develop and facilitate effective teams in technical organizations: personnel selection, project charters, time management, effective communications, managing disruptive behaviors, documentation, project completion. Typical sources of tension among engineers and between engineering with other departments and how to constructively manage conflict. On-site, virtual, and hybrid teams of engineers, support units, clients, suppliers, and labor.
EMGT 689: Industry Project	CEMR	3		Application of concepts from the Engineering Management curriculum to assess and address engineering management problems in an industrial setting.
ENGL 323: Classroom Observation 1	A&S	2		Prepares preservice teachers to observe and analyze teaching strategies and learning activities in a middle or high school classroom and to work with students under close supervision. Guided observation and participation in an approved site are required.
ENGL 324: Classroom Observation 2	A&S	2	ENGL 323 with a minimum grade of C-.	Building on the experiences gained in ENGL 323, ENGL 324 enables preservice teachers to observe and analyze teaching strategies and learning activities in a middle or high school classroom and to work with students under close supervision. Guided observation and participation in an approved site are required.

ENGL 424: Teaching Residency 2	A&S	9	ENGL 423 with a minimum grade of C-.	Building on Teacher Residency 1, Teacher Residency 2 is a final clinical experience that provides teaching candidates with the opportunity to design, implement, and evaluate teaching practices. The purpose of student teaching is to allow the student to gain experience in preparing and delivering class content in an approved Secondary English classroom.
ETEC 410: Hazardous Controls Engineering	CEMR	2	ETEC 310 and PR or CONC: ETEC 410L.	Introduction to hazard recognition and engineering safety controls in machine guarding, material handling, fall protection, electrical, and personal protective equipment.
ETEC 410L: Hazardous Controls Engineering Laboratory	CEMR	1	PR or CONC: ETEC 410.	Application and integration of hazard recognition, engineering safety controls, and devices into physical manufacturing environment safety scenarios.
EXPH 701: Professional Development 1	MED	1		This course introduces students to the landscape of health professions education and admission requirements. Students will gain comprehensive knowledge of application requirements, selection criteria, and preparatory steps for health professions programs.
EXPH 702: Professional Development 2	MED	1		This course provides students with hands-on experience in developing application materials and interview skills for health professions programs. Through workshops, peer review sessions, mock interviews, and practical exercises, students will create polished application components and develop confidence in presenting themselves as competitive candidates.
EXPH 703: Experiential Learning in Health Professions	MED	1 to 4		This course provides students with structured experiential learning opportunities in one of four primary areas of professional development: Patient Care, Education/Leadership, Research, or Service. Students will gain skills that enhance their professional identity, cultural competence, and readiness for health-related careers.
FLIT 218: Survey of Chinese Literature	A&S	3		Course surveys pre-modern Chinese literature and the literature of 20th-century China.
HIST 230: History of Italy	A&S	3		Survey of Italian history from the fall of the Roman Empire to the twenty-first century. Includes social, political, economic and cultural developments.
HIST 312: The Golden Age of Piracy	A&S	3		Examination of privateering and piracy during the early modern period, explaining the development of these phenomena during the era of global exploration, then focusing on the 'golden age' of piracy (mainly in the Caribbean and the Atlantic) from 1650 until about 1730. It explores the economic, political, and legal aspects of piracy alongside its social and material culture.

HIST 380: Microhistory	A&S	3	Traces the history and early definitions of historical microanalysis; surveys microhistorical approaches in the US and other countries; compares microanalysis to other forms of historical inquiry, including historical geography, biography, and comp; introduces students to classic works of social and cultural microhistory based on Inquisition records, legal sources, and other sources that capture everyday life in the past.
HN&F 451: Cross-Cultural Cuisine	AGR&NR	3	This course examines the evolution of human society and culture from a historical perspective as it relates to food and cuisine. Economic and religious influences on dietary patterns and nutritional health are also explored.
HN&F 451L: Cross-Cultural Cuisine Laboratory	AGR&NR	0	Cross-Cultural Cuisine - HN&F 451 Laboratory.
HTOR 240: Culinary Nutrition	PS	3	This course explores the intersection of culinary arts and nutritional science. Students will develop an understanding of the principles of nutrition and how to apply them in the preparation of health-supportive meals. Emphasis is placed on nutrient-dense ingredients, dietary modifications, special diets, and the impact of cooking methods on nutritional value.
JRL 567S: Public Affairs Reporting for Multimedia	CCAM	3	Students research, report and produce multimedia news stories on issues of public importance. The course emphasizes the principles and practices of public affairs journalism while further developing reporting skills for digital and broadcast platforms. Through a real-world newsroom environment, students learn to create cross-platform content that informs and engages diverse audiences about policy, governance and community issues.
LAW 702: Law of Charitable Fundraising	LAW	1	The course will discuss the various state and federal laws that regulate and incentivize charitable giving in the United States. The approach will be from the viewpoint of the charity that is soliciting the funds, although from time to time we will flip the script to look at these issues as a donor or grant-maker.
MAE 517: Optimization Methods in Engineering	CEMR	3	Introduction to the basics of mathematical optimization with applications to engineering. Topics include system modeling, unconstrained and constrained optimization, integer programming, linear and non-linear programming, and multi-objective optimization.

MDS 326: Killer Culture: True Crime and the American Obsession	A&S	3		Interdisciplinary exploration of the cultural rise of true crime as a media genre and social phenomenon. Analysis of real-life crime construction, consumption, and commodification across news, podcasts, documentaries, and social media. Discussion of topics such as race, gender, class, ethics of storytelling, and how true crime narratives shape public perception, social values, and understandings of justice.
MINE 481: Sustainable Extraction Methods of Rare Earth Elements and Critical Minerals	CEMR	3	BMEG 321 or CHEM 341 or MAE 320 or MINE 425 or MINE 427.	This course introduces scientific principles, engineering methods, and emerging innovations used to recover rare earth elements and critical minerals. Students will explore conventional hydrometallurgical processes alongside cutting-edge technologies, and data-driven approaches. Through projects, students will gain practical perspectives on designing environmentally responsible and economically viable resource recovery systems.
MINE 581: Sustainable Extraction Methods of Rare Earth Elements and Critical Minerals	CEMR	3		This course introduces scientific principles, engineering methods, and emerging innovations used to recover rare earth elements and critical minerals. Students will explore conventional hydrometallurgical processes alongside cutting-edge technologies, and data-driven approaches. Through projects, students will gain practical perspectives on designing environmentally responsible and economically viable resource recovery systems.
MUSC 303A: String Orchestra	CCAM	1 or 2		Rehearsal and performance of string orchestra repertoire. No audition required. Open to all students with several years of experience playing violin, viola, cello, or double bass.
NRSC 431: Cognitive Neuroscience	A&S	3	NRSC 201 with a minimum grade of C-.	Explores the cellular, systems, and anatomical influences on complex human cognitions including consciousness, attention, memory, executive functions, intelligence, and creativity. Students will explore the neurochemical/physiological factors that contribute to these phenomena through detailed analysis of scientific literature and implementation of their own experiments.
NSCI 558: Bench to Bedside to Community Proseminar	MED	3		In this course students will develop a working knowledge of stroke from the perspective of its impact on the community, the medical profession and the patient. The primary objective is for the student to obtain a working knowledge of the kinds of strokes, causes of stroke, its mechanism(s), its prevention and acute treatment as well as long-term rehabilitation.
NSCI 560: Neuroscience Journal Club	MED	1	Enrollment in Neuroscience Graduate Program.	Current and topical research papers from the literature are reviewed in a student-centered presentation and discussion format. The Journal Club provides an opportunity to develop critical reading and presentation skills and to gain experience with current research topics in Neuroscience.

NSCI 561: Neuroscience Research Forum	MED	1	Enrollment in Neuroscience Graduate Program.	Students prepare and present a formal research seminar based on their current dissertation project and provide formal critiques and constructive feedback on the presentations by other students.
NSCI 564: Human Functional Neuroanatomy	MED	3	Graduate level only.	This course examines the basic structure of the CNS, from cellular neuroanatomy to gross anatomy of the spinal cord and brain, as well as clinically relevant CNS (dys)function as it pertains to sensorimotor systems, proprioception, memory, cognition, and neurobiological disease. A hands-on neuroanatomy lab complements the lectures throughout the semester.
NSCI 566: Neuroimmunology	MED	3		This course is an introduction to the field of neuroimmunology, a field at the intersection of neuroscience and immunology, with a focus on understanding the immune modulation of the nervous system. In this class, students will gain background on basic context of the field, and exposed to research elucidating the importance of the interaction between these two complex systems.
NSCI 574: Fundamentals of Neuroscience	MED	4	Must be accepted into the Neuroscience Graduate Program.	This is a one-semester course covering core concepts in Foundational Neuroscience and taught by a team of neuroscientist researchers. The course consists of 5 Blocks: Neuronal Signaling, Sensory Systems, Motor Systems and Nervous System Development, Higher Brain Functions and Disorders of the Nervous System, 6 sessions in each block. Take-home exams, one per block, form the basis for grading.
NSCI 766: Neuroimmunology	MED	3		This course is an introduction to the field of neuroimmunology, a field at the intersection of neuroscience and immunology, with a focus on understanding the immune modulation of the nervous system. In this class, students will gain background on basic context of the field, and exposed to research elucidating the importance of the interaction between these two complex systems.
PHAR 410: Pathophysiology Behind Drug-Induced Diseases	PHAR	3	BIOL 115 and BIOL 115L with a minimum grade of C and PR or CONC: BIOL 117 and BIOL 117L with a minimum grade of C.	Focused study of the adverse effects of prescription and non-prescription medications, integrated with pathophysiological mechanisms, designed for practical application across multiple disease states.
PHAR 415: Introduction to Pharmaceutical and Cosmetic Compounding	PHAR	3	(CHEM 115 and CHEM 115L and CHEM 116 and CHEM 116L and CHEM 233 and CHEM 233L) with a minimum grade of C in all.	Provides students with the basic knowledge and skills needed to design and formulate cosmeceutical products. The course covers the principles of formulation, safety, and regulatory standards. The course also includes one hour of asynchronous instruction on the basics of drug delivery systems.

PHAR 420: Introduction to Herbs in Medicine	PHAR	3	(CHEM 115 and CHEM 115L and CHEM 116 and CHEM 116L and CHEM 233 and CHEM 233L) with a minimum grade of C in all.	Provides students with a basic understanding of how medicinal plants, natural products, and supplements are being used in medicine by getting familiarized with the scientific and therapeutic approach that connects their use with evidence-based medicine. Students will gain an understanding of the concepts underlying pharmacognosy and basis of natural medicinal products and nutraceuticals including biopharmaceutics, pharmacology, toxicology and phytochemical aspects.
PHAR 615: Pharmaceutical and Cosmetic Compounding	PHAR	2	PHAR 801 and PHAR 802 and Second professional year standing or consent.	Provides the knowledge and the skills needed for the design and formulation of cosmeceuticals, emphasizing regulatory standards and compliance.
PHAR 620: Herbal Supplements and Phytotherapy	PHAR	2	PHAR 801 and Second professional year standing or consent.	This course provides an advanced understanding of the scientific, therapeutic and clinical principles and the evidence-based medicine underlying the use of medicinal plants, herbal medications, natural products, and supplements. Key medicinal plants as well as vitamins, minerals and supplements - their efficacy, adverse effects and drug interactions will be discussed, as well as current regulations governing their use.
WGST 110: Data & Complex Challenges	A&S	3		In this hands-on, collaborative course students will use data to build consensus among people with differing beliefs, work together to solve complex challenges, and achieve the feminist goal of a world where all people thrive.