

To: Faculty Senate Executive Committee

From: Cate Johnson, FSCC Chair

Date: January 26, 2026

Re: New Course Report

Course Title	College	Credits	Prerequisites	Course Description
ARHS 511: Museums and Society	CCAM	3		Introduces students to the theory and practice of museums, with an emphasis on fine art museums in the twenty-first century. Topics include museum careers and professional roles within the museum; evolving philosophies of museum practice; museum ethics; and approaches to collecting displaying, and interpreting culturally significant art, objects, and artifacts. The class will situate museums within their broader societal context.
ART 209: Art Therapy History & Theory	CCAM	3	ART 208S with a minimum grade of C-, open to undergrads in art, counseling, psychology, education, or special education.	Introduces students to the historical, theoretical, and research foundations of art therapy. Provides foundations for skill development in analyzing, evaluating, and interpreting current trends in theory, practice, and research within the field of art therapy. Research, assigned readings, in-class discussions, and hands-on projects.
ART 210S: Intermediate Drawing	CCAM	3	ART 111S with a minimum grade of C-.	This intermediate-level drawing course further develops drawing skills through the exploration of various methods and media beyond the introductory level.
AT 302: Introductory Concepts of Athletic Training	MED	3	Junior or Senior class standing.	This course provides an overview of basic athletic training concepts related to emergency and acute care, environmental conditions, general medical conditions, nutritional considerations, mental health, anatomy and biomechanics of injury, injury concepts, common injuries of the upper and lower extremity, rehabilitation concepts, and injury reduction and prevention.
BCOR 189: Strategies for Academic Success	B&E	3		This course is designed to support students currently on Academic Notice/Probation in their journey toward academic recovery and long-term success. Through a combination of skill-building, self-reflection, and personalized support, students will develop effective strategies for improving academic performance, managing time and stress, and setting and achieving meaningful goals.
BMEG 502: Technical Writing for Biomedical Engineers	CEMR	3	None, but instructor wants to make sure this is limited to CHE/BMEG students	This class focuses on developing scientific/technical writing skills tailored to the complexities of biomedical engineering research areas. This graduate-level course aims to equip students with the advanced writing skills necessary for successful careers in engineering and related fields.
CE 243: Mechanics in Civil Engineering Materials	CEMR	3	(MAE 241 and MATH 156) with a minimum grade of C-.	An introductory course in the mechanical behavior materials, with special application to the range of topics needed by civil engineers and focuses on materials unique to civil engineers, like concrete, asphalt, aggregates, etc. The course material covers internal strains, stresses and deformations, material properties, fatigue, Mohr's circle and applications of numerical methods. Problems with civil engineering applications will be covered.
CHE 502: Technical Writing for Chemical Engineers	CEMR	3	None, but instructor wants to make sure this is limited to CHE/BMEG students	This class focuses on developing scientific/technical writing skills tailored to the complexities of chemical engineering research areas. This graduate-level course aims to equip students with the advanced writing skills necessary for successful careers in engineering and related fields.
CMGT 335: MEP in Buildings	TL	3	PHYS 101 and PHYS 102.	Introduction to mechanical, electrical, and plumbing systems used in buildings, including HVAC, plumbing, fire protection, electrical power distribution, lighting, and building system commissioning. Emphasis on system selection, design fundamentals, and sustainability.

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CMGT 425: Residential Construction	TL	3	Senior Standing.	Residential Construction. (3 credits; 3 lecture hours and 0 laboratory hours per week). This course introduces students to the planning, methods, management, and delivery of residential construction projects. Emphasis is placed on construction techniques; estimating and scheduling for residential structures; key real estate development concepts; understanding and applying residential building codes; and the fundamentals of managing a residential construction company.
CS 380: Computing for Societal Impact	TL	1	Department Approval.	This course is designed to prepare students for their capstone design projects, examine the local and global impacts of computing solutions on individuals, organizations, and society, and provide them with the knowledge and skills necessary for success in their search for employment or graduate studies.
CSEE 589: STEM Teaching Practices with Scholarly Exploration	CEMR	3		Discussion of current issues, best practices, and professional ethics in STEM education. Hands-on workshops in curriculum design, lesson planning and delivery, and assessment methods to prepare for teaching and instructional roles. Student-centered approaches, evidence-based pedagogy, and active learning techniques. Exploratory project in applied teaching practitioner scholarship.
ESWS 447: Professional Wetland Certification Seminar	AGR&NR	1	Must be enrolled in Wetland Management Certificate program.	This seminar will review a number of relevant professional certifications that are available and sought after for employment, and will focus on preparing students to apply to the professional certification program of the Society of Wetland Scientists (SWS) as the culmination of the WVU Wetland Management certificate.
FNRS 553: Advanced Urban Tree Management	AGR&NR	3		This course examines how tree biology influences growth, structure, and care in urban landscapes. Students apply advanced techniques in tree selection, transplanting, pruning, and risk assessment while developing a professional report and preservation plan. The course emphasizes research, analysis, and sustainable management practices to support healthy trees in built environments.
HN&F 553: Advanced Food Service Systems Management	AGR&NR	3	HN&F 171.	This course will introduce students to the history and types of food service operations, quantity food production and service, maintenance and design of physical facilities for foodservice, and the responsibilities of administering a foodservice operation. A deeper understanding of employee education and menu planning will be explored.
HN&F 553L: Advanced Food Service Systems Management Lab	AGR&NR	0	Corequisite of HN&F 553.	This course will introduce students to the history and types of food service operations, quantity food production and service, maintenance and design of physical facilities for foodservice, and the responsibilities of administering a foodservice operation with a hands-on approach.
HN&F 574: Advanced Medical Nutrition Therapy 2	AGR&NR	3	HN&F 473 with a minimum grade of C- and (PSIO 241 or PSIO 441).	Medical Nutrition Therapy 2 is part two of a two course sequence that includes nutritional care aspects of patients and modifications of diet to meet human nutrition needs in various medical conditions, for the management of disease conditions.
HN&F 672: Advanced Leadership in Community Nutrition	AGR&NR	3		This course provides in-depth understanding of leadership style and approaches. Through this, students will experience developing innovative and creative approaches to address the needs of communities, populations, and resources such as assessment, curriculum/tools for programming and collaborating with private and public organizations.
HTOR 235: Patisserie	PS	3	HTOR 120 and HTOR 135.	Examines the preparation and production methods for French Pastry, Mignardise, Sugar and Chocolate Décor, Classical Cakes Tortes and Tarts, Special Occasion and Frozen Desserts.
HTOR 260: Garde Manger	PS	3	HTOR 110 and HTOR 111 and HTOR 120 and HTOR 150 and HTOR 230.	Students will learn about the art and history of curing and preserving meats and fish, as well as pickling vegetables and confiture. Brines, marinades, and sauces made from vinegars and oils will also be studied. Additionally, students will learn techniques to create products to enhance eye appeal and flavor that are critical in the culinary discipline.

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ID 244: Architecture and Design Study Tour	CCAM	1 to 3	GPA of a C or higher and Consent	This is a domestic travel course that includes visits to locations with significant design centers that are the core of professional networking and product knowledge in the related professional fields of interior architecture. Trips range from day excursion to multiple days.
ID 444: Interior Architecture Study Abroad	CCAM	3 to 6	Consent and GPA of 2.0 of higher	A travel course to selected areas of Western Europe, exploring a variety of environments – architectural, urban, agricultural/rural, and natural. The core work of the course consists of mandatory participation in guided field trips and a journal/sketchbook.
IENG 480: Engineering Data Preparation and Visualization	CEMR	3	IENG 213.	This course covers fundamental and advanced concepts for the effective use of data in engineering settings. Topics include data lifecycle overview, data preparation and cleaning, and visualization using interactive dashboards and web tools.
MDIA 242S: Drone Photography and Video	CCAM	1		Open to all School of Media and Communications majors, this one-credit course introduces drone (sUAS) use for visual storytelling. Students explore legal and regulatory issues, journalism and creative applications, and techniques for drone photo/videography. The course also helps students prepare for the FAA Part 107 exam to become licensed sUAS pilots.
MPGE 685: Midstream Petroleum Engineering Capstone Project	CEMR	3	MPGE 620 and MPGE 630 and MPGE 640 and MPGE 650.	Comprehensive midstream petroleum engineering design project incorporating the knowledge gained in previous MPGE courses including oil and natural gas production, processing, transportation, and storage.
NRSC 218: Neuroscience Research Methods	A&S	3	PR: NRSC 101 with a minimum grade of C-and PR or CONC: MATH 124.	This course introduces methods of research in neuroscience, with an emphasis on how data are collected, analyzed, represented, and interpreted. Students learn scientific inquiry, evaluate validity of evidence, and examine how data are generated and communicated. Students practice applying data and information literacy skills to neuroscience and interdisciplinary issues, preparing them for more advanced coursework and independent research.
PSYC 211: Behavior by Design	A&S	3	PSYC 101 with a minimum grade of C-, This course is restricted to students in the Behavior Analysis Certificate program.	Introduction of single-subject research designs and its role in understanding individual behavior across education, healthcare, sports, clinical, and experimental settings. Students learn to design, conduct, and evaluate experiments that demonstrate functional relationships. Topics include experimental control, visual data analysis, replication strategies, and identifying threats to validity. In this course, students investigate the why behind behavior through scientific inquiry.
PSYC 484: Behavior Analysis Capstone Experience	A&S	3	PSYC 302 with a minimum grade of B-.	Integrates knowledge and skills through original research and clinical observation. Students conduct and present single-subject experimental research and complete structured observations at approved clinical sites. Course activities include lab meetings, clinical review sessions, and student-led presentations. Students develop competencies in data collection, visual analysis, ethical practice, and application essential for careers in Behavior analysis.
PUBH 421: Grant Writing for Foundations	SPH	1		This course covers the skills and techniques necessary for writing successful grant proposals tailored to foundations.
WMAN 341: Ichthyology	AGR&NR	3	Corequisite of WMAN 341L.	Study of the internal and external structure of fishes, their systematic and ecological relationships, and their distribution in time and space.
WMAN 341L: Ichthyology Lab	AGR&NR	1	Corequisite of WMAN 341.	Study of the internal and external structure of fishes, their systematic and ecological relationships, and their distribution in time and space.
WMAN 648: Animal Movement and Spatial Ecology	AGR&NR	3		This course will cover common analytical techniques for evaluating the space use of animals. Topics covered will include working with spatial data in R, spatial sampling, movement metrics, home range estimation, habitat selection, and behavioral state identification.