

Senate Committee on Curriculum and Instruction Report

April 28, 2020

Undergraduate and Graduate Courses

Course	Title	Action
Undergraduate		
ACCTNG 2430	Accounting Ethics	Add
PHIL 2249	Accounting Ethics	Change: description, prerequisite
ART HS 2291	Issues and Ideas in the History of Art and Visual Culture	Change: title, description
ART HS 3395	Selected Themes in the History of Art and Visual Culture	Change: title, description, prerequisite
ART HS 4400	Topics in the History of Art and Visual Culture	Add
CAST 1000	Introduction to Child Advocacy Studies	Add
CAST 2200	Policy and Global Issues in Child Advocacy	Add
CAST 2300	Ethics and Values in Child Advocacy	Add
CMP SCI 1000	Computer Science Experiences	Add
CMP SCI 1250	Introduction to Computing	Change: description, prerequisite
CMP SCI 2750	Linux Environment and Programming	Change: title, description
CMP SCI 3702	Introduction to Cyber Threats and Defense	Change: number, title, description
CMP SCI 3990	Undergraduate Internship in Computer Science	Change: title, description
CMP SCI 4200	Python for Scientific Computing and Data Science	Add
CMP SCI 4280	Program Translation Project	Change: title, description
CMP SCI 4340	Introduction to Machine Learning	Change: description, prerequisite
CMP SCI 4342	Introduction to Data Mining	Change: description, prerequisite
CMP SCI 4730	Computer Networks and Communications	Change: description
CMP SCI 4732	Introduction to Cryptography for Computer Security	Change: description, prerequisite
CMP SCI 4782	Information Security	Change: prerequisite
CMP SCI 4792	Introduction to Mobile Computing, Networking, and Security	Change: title, description, prerequisite
EDUC 2000	Social Entrepreneurship	Change: description
ELE ED 4992	Practicum I: Elementary/Special Education/TESOL Site-Based Experience	Change: description, prerequisite
ELE ED 4993	Practicum II: Elementary/Special Education/TESOL Site-Based Experience	Change: description, prerequisite
ELE ED 4994	Practicum I: Elementary/TESOL Site-Based Experience	Change: description, prerequisite

ELE ED 4995	Practicum II: Elementary/TESOL Site-Based Experience	Change: description, prerequisite
GERON 4400	Social and Community Services for an Aging Population	Change: number, description, prerequisite
SOC 4400	Social and Community Services for an Aging Population	Change: number, description, prerequisite
HIST 2050	Introduction to Public History	Add
HIST 3035	Gender and Sexuality in Modern U.S. History	Change: title, description
HLTH PE 4989	Practicum I: Site-Based Experience in Physical Education	Change: description, prerequisite
HLTH PE 4990	Practicum II: 12-Week Site-Based Experience in Health and Physical Education	Change: description, prerequisite
HLTH PE 4992	Practicum II: 4-Week Site-Based Experience in Health and Physical Education	Change: description, prerequisite
INFSYS 3860	Data Integration	Add
INFSYS 4847	IT Project Management	Add
INTDSC 1500	Prior Learning Assessment Portfolio Preparation	Add
INTDSC 2001	Introduction to Organizational Leadership	Add
INTDSC 4001	Organizational Leadership Capstone	Add
J C ENGR 1430	Introduction to Engineering Design: CAD and GIS	Add
JC ENGR 2160	Surveying	Change: prerequisite
J C ENGR 3410	Structural Analysis	Change: prerequisite
J C ENGR 3460	Transportation Engineering	Change: prerequisite
J C ENGR 3520	Water and Wastewater Treatment	Change: prerequisite
J C ENGR 3760	Hydraulic Engineering	Change: prerequisite
J C ENGR 4000	Independent Study	Change: credit hours, prerequisite
J C ENGR 4190	Soil Mechanics	Change: prerequisite
J C ENGR 4200	Soil Exploration and Testing	Change: prerequisite
J C ENGR 4600	Highway and Traffic Engineering	Change: prerequisite
J C ENGR 4630	Design of Steel Structures	Change: prerequisite
J C ENGR 4640	Foundation Engineering	Change: prerequisite
J C ENGR 4660	Advanced Design of Concrete Structures	Change: prerequisite
J C ENGR 4720	Legal Aspects of Construction	Change: prerequisite
J C ENGR 4730	Construction Operations and Management	Change: prerequisite
J C ENGR 4990	Senior Civil Engineering Seminar	Change: prerequisite
J E ENGR 2300	Introduction to Electrical Networks	Change: prerequisite
J E ENGR 2320	Introduction to Electronic Circuits	Change: prerequisite
J E ENGR 2330	Electrical and Electronic Circuits Laboratory	Change: prerequisite

J E ENGR 2340	Electrical Laboratory for Mechanical Engineers	Change: prerequisite
J E ENGR 3300	Engineering Electro Magnetic Principles	Change: prerequisite
J E ENGR 3310	Electronics Laboratory	Change: prerequisite
J E ENGR 3320	Power, Energy and Polyphase Circuits	Change: prerequisite
J E ENGR 3360	Principles of Electronic Devices	Change: prerequisite
J E ENGR 3370	Electronic Devices and Circuits	Change: prerequisite
J E ENGR 3510	Signals and Systems	Change: prerequisite
J E ENGR 3620	Computer Architecture	Change: prerequisite
J E ENGR 4000	Independent Study	Change: prerequisite
J E ENGR 4050	Reliability and Quality Control	Change: prerequisite
J E ENGR 4340	Solid State Power Circuits and Applications	Change: prerequisite
J E ENGR 4350	Electrical Energy Laboratory	Change: prerequisite
J E ENGR 4410	Control Systems I	Change: prerequisite
J M ENGR 4310	Control Systems I	Change: prerequisite
J E ENGR 4520	Power Systems Analysis	Change: prerequisite
J E ENGR 4720	Internet Communications	Change: prerequisite
J E ENGR 4820	Digital Signal Processing	Change: prerequisite
J E ENGR 4980	Electrical Engineering Design Projects	Change: prerequisite
J E MATH 3170	Engineering Mathematics	Change: prerequisite
J M ENGR 1413	Introduction to Engineering Design: CAD	Change: prerequisite
J M ENGR 1414	Introduction to Engineering Design: Project	Change: prerequisite
J M ENGR 2410	Mechanics of Deformable Bodies	Change: prerequisite
J M ENGR 3010	Computer Aided Design	Change: prerequisite
J M ENGR 3200	Thermodynamics	Change: prerequisite
J M ENGR 3360	Material Science for J C ENGR	Change: prerequisite, prerequisite
J M ENGR 3250	Material Science for J M ENGR	Change: description, prerequisite
J M ENGR 3710	Principles of Heat Transfer	Change: prerequisite
J M ENGR 3721	Fluid Mechanics Laboratory	Change: prerequisite
J M ENGR 3722	Heat Transfer Laboratory	Change: prerequisite
J M ENGR 3750	Fluid Control and Power Systems Theory and Practice	Change: prerequisite
J M ENGR 4000	Independent Study	Change: prerequisite
J M ENGR 4170	Dynamic Response of Physical Systems	Change: prerequisite
J M ENGR 4250	Material Selection in Engineering Design	Change: prerequisite
J M ENGR 4700	Sustainable Environmental Building Systems	Change: prerequisite

J M ENGR 4900	Engineering Project Management	Change: prerequisite
J M ENGR 4950	Fundamentals of Mechanical Engineering Review	Change: prerequisite
M H L T 2010	History of Western Music I	Change: number, description, prerequisite
M H L T 2020	History of Western Music II	Change: number, description, prerequisite
MATH 4005	Exploratory Data Analysis with R	Change: prerequisite
MGMT 3626	Diversity Management	Add
MID ED 4989	Practicum I: Middle Level Education Site-Based Experience	Change: description, prerequisite
MID ED 4990	Practicum II: Middle Level Education Site-Based Experience	Change: description, prerequisite
MID ED 4994	Practicum I/TESOL: Site-Based Experience	Change: description, prerequisite
MKTG 3733	Customer Relationship Management (CRM)	Add
MKTG 3734	Special Seminars in Digital and Social Media Marketing	Add
PHYSICS 4347	Introduction to Biophysics	Change: description, credit hours
POL SCI 3220	Labor and Employment Law	Change: title, description, prerequisite
POL SCI 3430	Labor and Community Leadership	Change: title, description, prerequisite
POL SCI 3470	Negotiation, Collective Bargaining, and Dispute Resolution	Change: title, description
POL SCI 3890	Workers and Globalization	Change: title, description, prerequisite
POL SCI 4901	Designing Surveys to Study Human Behavior and Attitudes	Add
PSYCH 4250	Stereotyping, Prejudice, and Discrimination	Change: description, prerequisite
PSYCH 4372	Introduction to Social Neuroscience	Change: prerequisite
PSYCH 4398	Child Maltreatment: A Multidisciplinary Approach	Change: description, prerequisite
SOC WK 4398	Child Maltreatment: A Multidisciplinary Approach	Change: description, prerequisite
CAST 4398	Child Maltreatment: A Multidisciplinary Approach	Change: description, prerequisite
SEC ED 4992	Practicum I: Site-Based Experience in Music	Change: description, prerequisite
SEC ED 4993	Practicum II: 12-Week Site-Based Experience in Music	Change: description, prerequisite
SEC ED 4994	Practicum II: 4-Week Site-Based Experience in Music	Change: description, prerequisite
SEC ED 4995	Practicum I: Site-Based Experience in Art	Change: description, prerequisite
SEC ED 4996	Practicum II: 12-Week Site-Based Experience in Art	Change: description, prerequisite
SEC ED 4997	Practicum II: 4-Week Site-Based Experience in Art	Change: description, prerequisite
SOC 3220	Quantitative Data Analysis in Social Science Research	Change: prerequisite
SOC 3802	Veteran Social Policy	Add
MVS 3300	Veteran Social Policy	Add
SOC WK 4610	Intimate Partner Violence	Change: description
GS 4610	Intimate Partner Violence	Change: description

Graduate

ACCTNG 5495	Special Administrative Problems – Accounting (VITA) Program	Add
BIOL 5012	Advanced Genetics	Add
CMP SCI 5340	Machine Learning	Change: description, prerequisite
BUS AD 5325	Environmental Analysis and Sustainability in Business Operations	Add
CMP SCI 5342	Data Mining	Change: description, prerequisite
CMP SCI 5702	Cyber Threats and Defense	Add
CMP SCI 5782	Advanced Information Security	Change: description, prerequisite
CMP SCI 5792	Mobile Computing, Networking, and Security	Add
CNS ED 6200	Foundations of School Counseling	Change: description, prerequisite
CNS ED 6610	Introduction to Play Therapy	Change: title, description, prerequisite
CNS ED 6730	Counseling for Loss, Crisis, and Trauma	Add
ECON 5150	Mathematical Methods for Economics	Add
ED PSY 6030	Instruction, Learning, and Assessment	Change: title, description, prerequisite
ED PSY 6226	Mental Health and Development of Children and Youth	Change: prerequisite
EDUC 7200	English Academic Support	Add
EDUC 7215	Data Analysis for Educational Practitioners	Change: title, description, credit hours, prerequisite
EDUC 7395	Research Proposal Development for Educational Practitioners	Change: title, description, credit hours, prerequisite
EDUC 7710	Research Methods and Design for Educational Practitioners	Add
ENT 5614	Entrepreneurship and Innovation	Add
ENT 5618	Accelerate Entrepreneurial Experience	Add
ENT 5650	Advanced Experiential Entrepreneurship	Add
FINANCE 6570	Introduction to Fintech	Add
FINANCE 6572	Financial Data Analytics	Add
FINANCE 6574	Artificial Intelligence and Machine Learning in Finance	Add
INFSYS 6815	Advanced Web Applications for Business	Change: prerequisite
INFSYS 6830	Data Programming for Business Intelligence	Add
INFSYS 6860	Advanced Data Integration	Change: title, description, prerequisite
ACCTNG 6460	Advanced Data Integration	Add
INFSYS 6864	Applied Cryptography for Business Applications	Add
INFSYS 6866	Cloud Security Management	Add
MATH 5890	Advanced Topics in Mathematics	Add

MGMT 5629	HR Analytics	Add
MKTG 5721	Digital Marketing Strategies and Measurement	Change: description
MKTG 5722	Social Media Marketing Strategy	Change: description
MKTG 5731	Special Seminars in Digital and Social Media Marketing	Change: description
MUS ED 5710	Advanced Choral Music Methods	Add
NURSE 6521	Healthcare Finance	Add
NURSE 6745	Pediatric Health II: Complex Acute Care	Add
NURSE 7443	Healthcare Policy and Economics	Change: title, description, prerequisite
P P ADM 6490	Human Resources in the Public Sector	Change: description, prerequisite
POL SCI 6449	Human Resources in the Public Sector	Change: description, prerequisite
SOC WK 6449	Human Resources in the Public Sector	Change: description, prerequisite
PHYSICS 5347	Intermediate Biophysics	Change: title, description, credit hours
PHYSICS 5350	Intermediate Computational Physics	Add
PHYSICS 5358	Intermediate Global Geodynamics	Add
POL SCI 6418	Social and Economic Development Policy	Change: description
SOC WK 6250	Social and Economic Development Policy	Change: description
SOC WK 6120	Theory and Practice with Older Adults	Change: description
GERON 6120	Theory and Practice with Older Adults	Change: description
SPEC ED 6651	Practicum I in Applied and Behavior Analysis	Change: number, description, credit hours, prerequisite
SPEC ED 6652	Practicum II in Applied and Behavior Analysis	Change: number, description, credit hours, prerequisite
SPEC ED 6653	Practicum III in Applied and Behavior Analysis	Add
SPEC ED 6654	Practicum IV in Applied and Behavior Analysis	Add
SPEC ED 6655	Practicum V in Applied and Behavior Analysis	Add
TCH ED 6010	Examining History, Community and Social Justice in Education	Change: description, prerequisite
TCH ED 6909	Teacher Action Research I	Change: description
TCH ED 6910	Teacher Action Research Capstone	Change: description, prerequisite