

Approved by Faculty Senate 2/11/10

MEMORANDUM

TO: Deans and Chairs
From: Becky Bitter, Assistant Registrar
DATE: 5 February 2010
SUBJECT: Minor Change Bulletin No. 3

The courses listed below reflect the minor curricular changes approved by the catalog editor since approval of the last Minor Change Bulletin. The column to the far right indicates the date each change becomes effective.

Prefix	Course Number	New Revise Drop	Current	Proposed	Effective Date
Biol	201	Revise	[B] Contemporary Biology 1 Prereq Biol 101, 102, 107, 120, or MBioS 101. Biological information that provides a framework for understanding life processes; impact of biological information on human affairs.	[B] Contemporary Biology 1 Prereq Biol 101, 102, <u>106</u> , 107, 120, or MBioS 101. Biological information that provides a framework for understanding life processes; impact of biological information on human affairs.	5-10
ECE	214	Revise	Design of Logic Circuits 3 (2-3) Prereq CS 121 or CS 251. Design and application of combinational logic circuits with exposure to modern methods and design tools; introduction to sequential logic circuits.	Design of Logic Circuits 3 (2-3) Prereq <u>ECE 101</u> ; CS 121 or CS 251 <u>or c//</u> . Design and application of combinational logic circuits with exposure to modern methods and design tools; introduction to sequential logic circuits.	5-10
ECE	260	Revise	Circuit Modeling and Analysis I 4 (3-3) Prereq Phys 202 ; Math 315 or c//. Circuit modeling, analysis, component models, theory	Circuit Modeling and Analysis I 4 (3-3) Prereq Math 315 or c//. Circuit modeling, analysis, component models, theory	8-10

			and simulation tools; application of network theory to solve linear and nonlinear circuits under static and dynamic operation.	and simulation tools; application of network theory to solve linear and nonlinear circuits under static and dynamic operation.	
ECE	324	Revise	Digital Design II 3 (2-3) Prereq ECE 234. Implementation of datapaths and controllers, use of HDLs and automated synthesis tools, field programmable gate arrays and simulation; integrated circuit layout.	Digital <u>Systems Design</u> 3 (2-3) Prereq ECE 214. Implementation of datapaths and controllers, use of HDLs and automated synthesis tools, field programmable gate arrays and simulation; integrated circuit layout.	8-10
ECE	424	Revise	Computer Architecture and Design 3 (2-3) Prereq ECE 324; ECE 366. Architectural approaches to computer instruction sets and organization; design, analysis and simulation of student computer designs; implementation and testing of designs in an FPGA.	Computer Architecture and Design 3 (2-3) Prereq ECE 234. <u>Architecture, organization and design of modern digital computers; instruction sets, computer arithmetic, pipelining, memory hierarchy, storage and input/output topics.</u>	8-10
ECE	452	Revise	[M] Electrical Engineering Capstone Design Project 3 (1-6) Prereq ECE 451. Execution phase of the senior design project course sequence; independent or team project proposed in ECE 451 is designed and implemented.	[M] <u>Capstone Design II</u> 3 (1-6) Prereq ECE 451. Execution phase of the senior design project course sequence; independent or team project proposed in ECE 451 is designed and implemented.	8-10
EconS	301	Revise	Intermediate Microeconomic Theory 3 Prereq EconS 101; Math 171 or 202. Calculus-based intermediate microeconomic theory for majors in the School of Economic Sciences.	Intermediate Microeconomic Theory <u>with Calculus</u> 3 Prereq <u>EconS 101</u> ; Math 171 or 202. Calculus-based intermediate microeconomic theory for majors in the School of Economic Sciences.	8-10
EconS	305	Revise	Theory of the Firm and Market Policy 3 Prereq EconS 101. Price	<u>Intermediate Microeconomics without Calculus</u> 3 Prereq EconS	8-10

			determination and market behavior under different market structures and the problems posed for public policy; not calculus-based.	101. Price determination and market behavior under different market structures and the problems posed for public policy; not calculus-based.	
EconS	420	Revise	Monetary Theory and Policy 3 Prereq EconS 302. Current issues in monetary economics with a special emphasis on policy.	Monetary Theory and Policy 3 Prereq <u>EconS 301</u> ; EconS 302. Current issues in monetary economics with a special emphasis on policy.	8-10
EconS	432	Revise	[M] Natural Resource Economics and Policy 3 Prereq EconS 301 or permission of instructor. Economic principles and models applied to natural resource problems, issues, and policies. Credit not granted for both EconS 432 and 532.	Natural Resource Economics and Policy 3 Prereq EconS 301 or permission of instructor. Economic principles and models applied to natural resource problems, issues, and policies. Credit not granted for both EconS 432 and 532.	8-10
EconS	450	Revise	[M] Advanced Farm and Ranch Management 3 Prereq EconS 101. Rec EconS 350. Business and financial principles applied to organization and operation of farms and ranches.	Advanced Farm and Ranch Management 3 Prereq EconS 101. Rec EconS 350. Business and financial principles applied to organization and operation of farms and ranches.	8-10
EconS	451	Revise	[M] Advanced Food Economics and Marketing 3 Prereq EconS 301 or 305; EconS 311. Institutions, practices, policies, problems, and empirical analysis of food economics and marketing.	Advanced Food Economics and Marketing 3 Prereq EconS 301 or 305; EconS 311. Institutions, practices, policies, problems, and empirical analysis of food economics and marketing.	8-10
Engl	105	Revise	[W] Composition for ESL Students 3 Prereq writing placement exam. Designed to develop academic writing, critical thinking, reading, library skills, and rhetorical strategies for non-native	[W] Composition for ESL Students 3 Prereq writing placement exam <u>or C or better in Engl 104</u> . Designed to develop academic writing, critical thinking, reading, library skills, and rhetorical	8-10

			speakers of English. Credit not granted for more than one: Engl 101, 105, 198.	strategies for non-native speakers of English. Credit not granted for more than one: Engl 101, 105, 198.	
Engl	304	Revise	Revision Workshop 3 Prereq GER written communication proficiency course and completion of University Writing Portfolio. Appreciation of writing processes and revision, including self-assessment, developing rhetorical approaches; diagnosing and solving consistent problems, editing, and proofreading strategies.	Revision Workshop 3 Prereq <u>Requirement by University Writing Portfolio or permission of instructor.</u> Appreciation of writing processes and revision, including self-assessment, developing rhetorical approaches; diagnosing and solving consistent problems, editing, and proofreading strategies.	8-10
Engl	451	Revise	[M] Advanced Creative Writing: Prose 3 May be repeated for credit; cumulative maximum 6 hours. Prereq one upper-division creative writing course. Advanced workshop in writing fiction or creative nonfiction prose.	[M] Advanced Creative Writing: <u>Fiction</u> 3 May be repeated for credit; cumulative maximum 6 hours. Prereq one upper-division creative writing course. Advanced workshop in writing fiction.	8-10
Engl	480	Revise	American Literature to 1855 3 Prereq Engl 302. American writing from Settlement and Revolution through the times of Irving, Poe, Emerson, Hawthorne, Fuller, Thoreau, and Melville.	<u>American Literature: Beginnings to 1865</u> 3 Prereq Engl 302. <u>Advanced study of major authors and movements from the period including Bradstreet, Wheatley, Franklin, Douglass, Poe, Emerson, and Hawthorne.</u>	8-10
Engl	481	Revise	American Literature 1855-1916 3 Prereq Engl 302. American writing in an era of expansion, social and literary ferment: Whitman, Dickinson, Frost, the literature of realism and naturalism.	<u>American Literature: 1865-1940</u> 3 Prereq Engl 302. <u>Advanced study of major authors and movements from the period including Whitman, Dickinson, Twain, Wharton, James, Hemingway, Faulkner, and Wright.</u>	8-10

Engl	482	Revise	Modern American Literature 3 Prereq Engl 302. Major literary movements and alternate voices in American poetry, fiction, and drama from World War I to the present.	<u>American Literature: 1940-Present 3 Prereq Engl 302. Advanced study of major authors and movements from the period including O'Connor, Bellow, Salinger, Baldwin, Pynchon, Morrison, Tan, and Alexie.</u>	8-10
Engl	483	Revise	Chaucer and Medieval Literature 3 Prereq Engl 302. Chaucer's Canterbury Tales in the context of Medieval culture and literary tradition.	Chaucer and Medieval Literature 3 Prereq Engl 302. <u>Advanced study of Chaucer's Canterbury Tales in the context of Medieval culture and literary tradition.</u>	8-10
Engl	484	Revise	English Literature of the 16th Century 3 Prereq Engl 302. Nondramatic literature of English Renaissance, including More, Wyatt, Sidney, Spenser, Raleigh, and Shakespeare, in age of Humanism and Reformation.	English Literature of the 16th Century 3 Prereq Engl 302. <u>Advanced study of English Renaissance literature, including More, Sidney, Spenser, Marlowe, and Shakespeare, in age of Humanism and Reformation.</u>	8-10
Engl	485	Revise	Milton and English Literature of the 17th Century 3 Prereq Engl 302. Nondramatic literature from the Metaphysicals and Johnson through Milton, against background of scientific revolution, religious controversy, and civil war.	English Literature of the 17th Century 3 Prereq Engl 302. <u>Advanced study of works from the Metaphysicals and Johnson through Milton, in the context of religious controversy and civil war.</u>	8-10
Engl	486	Revise	English Literature of the Restoration and 18th Century 3 Prereq Engl 302. Neo-classical literature from 1660 to the Romantic era: Dryden, Swift, Pope, Johnson, Gray, Goldsmith, Burns, and others.	English Literature of the Restoration and 18th Century 3 Prereq Engl 302. <u>Advanced study of works form this revolutionary period, including Locke, Behn, Defoe, Pope, Johnson, Equiano, and others.</u>	8-10
Engl	487	Revise	English Romantic Literature 3 Prereq Engl 302. Major works by Blake, Wordsworth, Coleridge,	<u>British Romantic Literature 3 Prereq Engl 302. Advanced study of Blake, Wordsworth, Coleridge, Mary Shelley,</u>	8-10

			Byron, Shelley, Keats, and others during Romantic literary revolt, especially 1798-1832.	<u>Keats, and others in an age of social and aesthetic revolution, 1770-1840.</u>	
Engl	488	Revise	Victorian Literature 3 Prereq Engl 302. Major works by Tennyson, Dickens, Browning, Swinburne, Wilde, and others in a dynamic age of change in Britain, 1832-1901.	<u>Victorian Literature 3 Prereq Engl 302. Advanced study of Tennyson, Dickens, Eliot, Wilde, and others in the context of science, industrialization, and empire, 1832-1901.</u>	8-10
Engl	489	Revise	Modern British Literature 3 Prereq Engl 302. Fiction, drama, poetry in age of conflict, artistic experimentation: Joyce, Woolf, Lawrence, Murdoch, Shaw, Pinter, Yeats, Eliot, Auden, and others.	<u>20th/21st Century British and Postcolonial Literatures 3 Prereq Engl 302. Advanced study of modernist, postmodernist, and postcolonial writing from Britain, Ireland, Africa, the Indian subcontinent, and the Caribbean.</u>	8-10
F A	367	Revise	Special Topics-Black and White-Photography V 1-6 May be repeated for credit.	<u>Special Topics- Photography V 1-6 May be repeated for credit.</u>	5-10
Hist	540	Revise	Seminar in European History 3 May be repeated for credit.	<u>Seminar in History 3 Graduate standing; Hist 700 or Hist 800 or c//. May be repeated for credit.</u>	8-10
MIS	271	Revise	Intermediate Business Programming 3 Top-down program design, structured programming techniques, and program testing.	<u>Business Systems Development 3 Top-down program design, structured development techniques, and system testing.</u>	5-10
MIS	322	Revise	[M] Systems Analysis and Design 3 Prereq MIS 250. The role of the systems analyst, and the application of systems analysis and design techniques in information systems development.	<u>[M] Enterprise Business Process Analysis 3 Prereq MIS 250. The role of the systems analyst, and the application of systems analysis and design techniques in information systems development.</u>	5-10
MIS	325	Revise	Enterprise Business Programming 3 Prereq MIS 250, 271. Basic principles of designing and developing	<u>Enterprise Business Development 3 Prereq MIS 250. Basic principles of designing and developing</u>	5-10

			enterprise-level business applications.	enterprise-level business applications.	
MIS	374	Revise	Information Technology Infrastructure 3 Prereq MIS 250. Designing, managing, and securing corporate information technology infrastructures.	Information Technology Infrastructure <u>and Security</u> 3 Prereq MIS 250. Designing, managing, and securing corporate information technology infrastructures.	5-10
MIS	448	Revise	Global IS Project Management 3 Prereq MIS 322 . Principles and techniques related to managing information systems projects in global business environments.	Global IS Project Management 3 Principles and techniques related to managing information systems projects in global business environments.	5-10
SHS	475	Drop	[M] Clinical Practice 3 (0-9) May be repeated for credit; cumulative maximum 9 hours. Prereq speech and hearing major, SHS 461; 2.4 cum gpa; C+ in SHS 475 required for repeat credit; by interview only. Practicum in diagnosis and therapy for speech/language and hearing disorders.	--N/A--	5-10
Soils	533	Revise	Advanced Vadose Zone Hydrology-2 Prereq Soils 413. Methods and models for water, heat, vapor and solute transport in the vadose zone; transfer functions to describe solute transport; non-linear parameter estimation.	Advanced Vadose <u>Processes</u> 2 Prereq Soils 413 <u>or Soils 421 or by permission of instructor. Methods and models for water, heat, vapor and solute transport in the vadose zone; transfer functions to describe solute transport; non-linear parameter estimation; fate and transport of water, heat, and solutes in the vadose zone; hydrological and geochemical processes in unsaturated subsurface materials.</u>	1-11
SpMgt	600	Revise	Special Projects or Independent Study V 1 (0-3)	Special Projects or Independent Study V 1 (0-3)	5-10

			to 18 (0-54) May be repeated for credit. S, F grading.	to 18 (0-54) <u>Graduate standing; or permission of instructor.</u> May be repeated for credit. S, F grading.	
T & L	464	Revise	Curriculum, Instruction and Content Literacy Methods 3 Prereq T & L 300 , 301, 317; c// T & L 465, 466; admission to the teacher preparation program. Development of curriculum, instruction and content literacy materials and methods for teaching in the secondary school classroom.	Curriculum, Instruction and Content Literacy Methods 3 Prereq T & L 301, 317; c// T & L 465, 466; admission to the teacher preparation program. Development of curriculum, instruction and content literacy materials and methods for teaching in the secondary school classroom.	8-10
T & L	465	Revise	Culture and Community Contexts of Education 3 Prereq T & L 300 , 301, 317; c// T & L 464, 466; admission to the teacher preparation program. Cultural and community-based contexts of schooling, teaching and education.	Culture and Community Contexts of Education 3 Prereq T & L 301, 317; c// T & L 464, 466; admission to the teacher preparation program. Cultural and community-based contexts of schooling, teaching and education.	8-10
T & L	466	Revise	Secondary Methods of Educational Technology 2 (1-2) Prereq T & L 300 , 301, 317; c// T & L 464, 465; admission to the teacher preparation program. Integration of technologies for teaching and learning within the 9-12 classrooms; hands-on development of technology enhanced activities and lessons.	Secondary Methods of Educational Technology 2 (1-2) Prereq T & L 301, 317; c// T & L 464, 465; admission to the teacher preparation program. Integration of technologies for teaching and learning within the 9-12 classrooms; hands-on development of technology enhanced activities and lessons.	8-10
T & L	470	Revise	ESL/Special Education Methods for Secondary Teachers 3 Prereq T & L 300 , 301, 317; T & L 464, 466 or c//; admission to the teacher preparation program. Methods for teaching second language learners and students with special needs	ESL/Special Education Methods for Secondary Teachers 3 Prereq T & L 301, 317; T & L 464, 466 or c//; admission to the teacher preparation program. Methods for teaching second language learners and students with special needs in	8-10

			in the secondary school classroom.	the secondary school classroom.	
V M	576	Revise	Foreign Animal Diseases and Regulatory Issues 1 Prereq veterinary medicine student. Diagnosis and epidemiology of foreign animal diseases of livestock in context of domestic disease differentials; regulatory issues in veterinary medicine. S, M, F grading.	<u>Emerging and Exotic Diseases of Animals 1</u> Prereq veterinary medicine student. <u>To increase understanding of emerging and exotic diseases of animals among veterinary students.</u> S, M, F grading.	1-11