

MEMORANDUM

October 17, 2008

TO: Academic Deans Council

FROM: Dr. Timothy Chamblee
UCCC Chair

RE: Change Notice 1

Listed below are curriculum change proposals which have been recommended by the University Committee on Courses and Curricula. Under current procedure, members of the Academic Deans Council may question the approval of these proposals at any time prior to **5:00 p.m.** on October 31, 2008 by contacting the Committee's office (5-0831), or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered to have been approved automatically.

1. COURSE PROPOSALS

AGRICULTURE AND LIFE SCIENCES

<p>Add</p> <p>HS 1813</p>	<p>Individual and Family Development through the Lifespan. (3). Three hours lecture. Introduction to individual and family development through the lifespan, conception to death, focusing on social and emotional development, contextual influences on development, and application.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 19.0701 24-CHARACTER ABBREVIATION Dev through Lifespan</p> <p>Effective: Spring 09</p>
<p>Modify From:</p> <p>HS 2813</p> <p>To:</p> <p>HS 2813</p>	<p>Child Development I. (3). (Prerequisite: PSY 1013). Two hours lecture. Two hours laboratory. Developmental characteristics of children with emphasis on the early years; implications for care and guidance. Observation and participation in the Child Development and Family Studies center.</p> <p>Child Development. (3). (Prerequisite: PSY 1013). Two hours lecture. Two hours laboratory. Developmental characteristics of children with emphasis on the early years; implications for care and guidance. Observation and participation in the Child Development and Family Studies center.</p> <p>Effective: Spring 09</p>
<p>Modify From:</p> <p>HS 3303</p> <p>To:</p> <p>HS 3303</p>	<p>Consumer Economics. (3). (Prerequisite: Junior standing or consent of instructor). Three hours lecture. Economic principles applied to consumer situations, and the consumer's relation to the American and world economy.</p> <p>Consumer Economics. (3). (Prerequisite: MA 1313). Three hours lecture. Economic principles applied to consumer situations, and the consumer's relation to the American and world economy.</p> <p>Effective: Spring 09</p>

<p>Modify From: HS 3813</p> <p>To: HS 3813</p>	<p>Child Development II. (3). (Prerequisites: HS 2813 and junior standing). Three hours lecture. An intensified exploration of child development theory, research, and methodology used in the study of the young (birth to five). Major emphasis on process of development.</p> <p>Lifespan Theory. (3). (Prerequisite: HS 1813 or HS 2813). Three hours lecture. An intensified exploration of human development theory, research, and methodology used in the study of individuals across the lifespan.</p> <p>24-CHARACTER ABBREVIATION Lifespan Theory</p> <p>Effective: Spring 09</p>
<p>Add HS 3833</p>	<p>Human Development in the Context of Leisure and Recreation. (3). (Prerequisite: HS 1813). Three hours lecture. Introduces historical, theoretical, and empirical content focused on leisure and recreation as a context for human development across the lifespan.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 19.0701 24-CHARACTER ABBREVIATION Human Dev in Leisure/Rec</p> <p>Effective: Spring 09</p>
<p>Modify From: HS 4313/6313</p> <p>To: HS 4313/6313</p>	<p>Family Resource Management. (3). Three hours lecture. Decision-making in the family and operation of the household as affected by family values, philosophies, resources, and socio-economic conditions.</p> <p>Family Resource Management. (3). (Prerequisite: Junior/senior writing or consent of instructor). Three hours lecture. Decision-making in the family and operation of the household as affected by family values, philosophies, resources, and socio-economic conditions.</p> <p>Effective: Spring 09</p>

<p>Modify From: HS 4333/6333</p> <p>To: HS 4333/6333</p>	<p>Families, Legislation and Public Policy. (3). (Prerequisite: Junior standing). Three hours lecture. An examination of the impact of legislation and public policy on the well being of the family with emphasis on policy and family change.</p> <p>Families, Legislation and Public Policy. (3). (Prerequisite: Junior/senior writing or consent of instructor). Three hours lecture. An examination of the impact of legislation and public policy on the well being of the family with emphasis on policy and family change.</p> <p>Effective: Spring 09</p>
<p>Modify From: HS 4403/6403</p> <p>To: HS 4403/6403</p>	<p>Introduction to Gerontology. (3). Three hours lecture. An introduction to the dynamics of the aging process and strategies for maximizing life satisfaction during aging.</p> <p>Introduction to Gerontology. (3). (Prerequisites: HS 1813 and junior/senior writing, or consent of instructor). Three hours lecture. An introduction to the dynamics of the aging process and strategies for maximizing life satisfaction during aging.</p> <p>Effective: Spring 09</p>
<p>Modify From: HS 4750</p> <p>To: HS 4750</p>	<p>Internship. (6-8). (Prerequisite: Minimum of senior standing, 2.15 cumulative GPA and consent of instructor). Individual work experience in an approved setting under the supervision of Mississippi State University faculty.</p> <p>Internship. (5-8). (Prerequisite: Minimum of senior standing, 2.15 cumulative GPA and consent of instructor). Individual work experience in an approved setting under the supervision of Mississippi State University faculty.</p> <p>Effective: Spring 09</p>

<p>Modify From: HS 4803/6803</p> <p>To: HS 4803/6803</p>	<p>Art of Parenting. (3). (Prerequisite: Junior standing). Three hours lecture. Study of the child as a part of the family in a dynamic transactional system.</p> <p>Parenting. (3). (Prerequisite: HS 1813 and junior/senior writing, or consent of instructor). Three hours lecture. Study of the child as a part of the family in a dynamic human ecological system.</p> <p>Effective: Spring 09</p>
<p>Modify From: HS 4813/6813</p> <p>To: HS 4813/6813</p>	<p>Adult Development. (3). (Prerequisites: PSY 1013 and junior standing). Three hours lecture. Theory and perspectives on adulthood in contemporary society, adjustment to internal and environmental change, role structures, supportive networks and public policy issues.</p> <p>Adult Development. (3). (Prerequisites: HS 1813 or consent of instructor). Three hours lecture. Theory and perspectives on adulthood in contemporary society, adjustment to internal and environmental change, role structures, supportive networks and public policy issues.</p> <p>Effective: Spring 09</p>
<p>Modify From: HS 4843/6843</p> <p>To: HS 4843/6843</p>	<p>Family Interaction. (3). (Prerequisites: SO 1203 and PSY 1013 or HS 4853). Three hours lecture. Interaction within functional families; focus on the family as a system, on diversity and roles, and on effective interactions.</p> <p>Family Interaction. (3). (Prerequisites: HS 4853 or consent of instructor). Three hours lecture. Interaction within functional families; focus on the family as a system, on diversity and roles, and on effective interactions.</p> <p>Effective: Spring 09</p>

<p>Modify From: HS 4853/6853</p> <p>To: HS 4853/6853</p>	<p>The Family: A Transactional Approach. (3). (Prerequisites: Three hours Sociology or Psychology and junior standing). Three hours lecture. The impact of internal and external factors on the development of individual and family relationships throughout the life cycle.</p> <p>The Family: A Human Ecological Perspective. (3). (Prerequisites: HS 1813 and junior/senior writing, or consent of instructor). Three hours lecture. The impact of internal and external factors on the development of individual and family relationships throughout the life cycle.</p> <p>Effective: Spring 09</p>
<p>Add HS 4873/6873</p>	<p>Positive Youth Development. (3). (Prerequisite: HS 1813 and junior/senior writing class; or consent of instructor). Three hours lecture. Examines theoretical and empirical foundations of the growing field of Positive Youth Development; examines school and community-based programs that foster PYD.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 19.0701 24-CHARACTER ABBREVIATION Positive Youth Dev</p> <p>Effective: Spring 09</p>
<p>Add HS 4883/6883</p>	<p>Risk, Resilience, and Preventive Interventions. (3). (Prerequisite: HS 1813 and junior/senior writing; or consent of instructor). Three hours lecture. Theory and research relevant to understanding risk and resilience in human development and family studies application of risk/resilience framework to individual and family preventive interventions.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 19.0701 24-CHARACTER ABBREVIATION Risk/Resilience & Prev</p> <p>Effective: Spring 09</p>

ARTS & SCIENCES

<p>Add AAS 1063</p>	<p>Introduction to African American Studies. (3). Three hours lecture. An interdisciplinary examination of African-American history and culture, including the Diaspora, literature, music, reform movement, and black liberation in the U.S.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 05.9999 24-CHARACTER ABBREVIATION Intro African American S</p> <p>Effective: Spring 09</p>
<p>Add CO 4423</p>	<p>Advanced Photo Communication. (3). Two hours lecture. Two hours laboratory. Exploration of narrative and illustrative photography in PR and news. Evaluation of still vs. moving images and Web/multimedia presentation options.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 09.0404 24-CHARACTER ABBREVIATION Risk/Resilience & Prev</p> <p>Effective: Spring 09</p>
<p>Add HI 3183</p>	<p>World Environmental History. (3). (Prerequisite: Completion of any 1000-level history course). A historical analysis of the interaction of humans and the natural world from the Neolithic period to the present.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 54.0199 24-CHARACTER ABBREVIATION World Enviro History</p> <p>Effective: Spring 09</p>

Add	HI 4613/6613	<p>History of the Soviet Union. (3). (Prerequisite: Completion of any 1000-level history course). The political, social, cultural, and economic development of the Soviet Union from its pre-Revolutionary origins to its collapse in 1991.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 54.0199 24-CHARACTER ABBREVIATION History of Soviet Union</p> <p>Effective: Spring 09</p>
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ENGINEERING

Modify		
From:	ASE 2013	<p>Aerodynamics, Propulsion and Structures. (3). (Prerequisite: ASE 1023 and grade of C or better in MA 1723 and PH 2213). Three hours lecture. Three hours laboratory. Introduction to space flight (astronautics), propulsion, flight vehicle structures and materials, and hypersonic vehicles, applications of computer modeling, computational tolls, with historical perspectives.</p>
To:	ASE 2013	<p>Aerodynamics, Propulsion and Structures. (3). (Prerequisite: ASE 1013 and a grade of “C” or better in MA 1713 and credit or registration in MA 1723 and PH 2213). Three hours lecture. Three hours laboratory. Introduction to space flight (astronautics), propulsion, flight vehicle structures and materials, and hypersonic vehicles, applications of computer modeling, computational tolls, with historical perspectives.</p> <p>Effective: Spring 09</p>

2. DEGREE PROPOSALS

AGRICULTURE AND LIFE SCIENCES

<p>Modify Degree: Bachelor of Science Major: Human Sciences Concentration: Human Development and Family Studies</p>	<p>Change various course titles, prerequisites, descriptions, credit hours, and course requirements.</p> <p>Effective Spring 09</p>
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EDUCATION

Delete Degree: Bachelor of Science Major: Trade and Technical Studies	Deletion of degree program due to low enrollment. New Students will use the Industrial Technology program. Effective: Spring 09
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3. UNIVERSITY CORE (General Education)

Add	Category: Social and Behavioral Sciences	HS 1813 Individual & Family Development through the Lifespan Effective: Spring 09
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4. TECHNICAL CHANGES

Modify From: ECE 3163 To: ECE 3443	<p>Signals and Systems. (3). (Prerequisite: Grade of C or better in ECE 3153). Three hours lecture. Modeling of analog and discrete-time signals and systems, time domain analysis. Fourier series, continuous and discrete-time Fourier transforms and applications, sampling, z-transform, state variables.</p> <p>Signals and Systems. (3). (Prerequisite: Grade of C or better in ECE 3424). Three hours lecture. Modeling of analog and discrete-time signals and systems, time domain analysis. Fourier series, continuous and discrete-time Fourier transforms and applications, sampling, z-transform, state variables.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Signals and Systems</p> Effective: Spring 09
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<p>Modify From: ECE 3283</p> <p>To: ECE 3283</p>	<p>Electronics. (3). (For non-Electrical Engineering majors). (Prerequisites: Grade of C or better in ECE 3144 or ECE 3183). Three hours lecture. Fundamentals of active devices, linear amplifiers, digital logic, digital and microprocessors.</p> <p>Electronics. (3). (For non-Electrical Engineering majors). (Prerequisites: Grade of C or better in ECE 3143 or ECE 3183). Three hours lecture. Fundamentals of active devices, linear amplifiers, digital logic, digital and microprocessors.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Electronics</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 4223/6223</p> <p>To: ECE 4843/6843</p>	<p>Error Correcting Digital Codes. (3). (Prerequisite: Senior or Graduate standing). Three hours lecture. A survey, in depth, or current error correcting coding techniques for providing digital data transmission with protection from random and burst noise sources. Many practical and currently used techniques are discussed in detail and some hands-on experience is provided.</p> <p>Error Correcting Digital Codes. (3). (Prerequisite: Senior or Graduate standing). Three hours lecture. A survey, in depth, or current error correcting coding techniques for providing digital data transmission with protection from random and burst noise sources. Many practical and currently used techniques are discussed in detail and some hands-on experience is provided.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Error Correct Digit Code</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 4243/6243</p> <p>To: ECE 4243/6243</p>	<p>Physical Electronics. (3). (Prerequisite: Grade of C or better in ECE 3243). Three hours lecture. Introduction to quantum mechanics and solid state physics. Physical principles of pn junctions, bipolar transistors, field effect transistors. Applications include electro-optics, integrated circuits, gaseous electronics.</p> <p>Physical Electronics. (3). (Prerequisite: Grade of C or better in ECE 3424). Three hours lecture. Introduction to quantum mechanics and solid state physics. Physical principles of pn junctions, bipolar transistors, field effect transistors. Applications include electro-optics, integrated circuits, gaseous electronics.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Error Correct Digit Code</p> <p>Effective: Spring 09</p>
<p>Modify From: 4263/6263</p> <p>To: ECE 4263/6263</p>	<p>Principles of VLSI Design. (3). (Prerequisites: Grade of C or better in both ECE 3724/CS 3124 and ECE 4243). Two hours lecture. Three hours laboratory. Classic and dynamic CMOS circuit design using state-of-the-art CAD tools, with emphasis on digital system cells and architecture.</p> <p>Principles of VLSI Design. (3). (Prerequisites: Grade of C or better in both ECE 3724 and ECE 4243). Two hours lecture. Three hours laboratory. Classic and dynamic CMOS circuit design using state-of-the-art CAD tools, with emphasis on digital system cells and architecture.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Prin of VLSI Design</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 4273/6273</p> <p>To: ECE 4273/6273</p>	<p>Microelectronic Device Design. (3). (Prerequisite: Grade of C or better in ECE 3243). Three hours lecture. Theory of semiconductors in equilibrium and non-equilibrium, advanced theory of p-n junctions, bipolar junction transistor and advanced theory and operation of field dependent devices.</p> <p>Microelectronic Device Design. (3). (Prerequisite: Grade of C or better in ECE 3424). Three hours lecture. Theory of semiconductors in equilibrium and non-equilibrium, advanced theory of p-n junctions, bipolar junction transistor and advanced theory and operation of field dependent devices.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Microelec Device Design</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 4283/6283</p> <p>To: ECE 4283/6283</p>	<p>Microelectronic Process Design. (3). (Prerequisite: Grade of C or better in ECE 3243). Three hours lecture. Introduction to device fabrication technologies, semiconductor parameter measurement techniques, and the principles of design relative to the LSI technologies.</p> <p>Microelectronic Process Design. (3). (Prerequisite: Grade of C or better in ECE 3424). Three hours lecture. Introduction to device fabrication technologies, semiconductor parameter measurement techniques, and the principles of design relative to the LSI technologies.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Microelec Process Design</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 4343/6343</p> <p>To: ECE 4853/6853</p>	<p>Electro-Optics. (3). (Prerequisite: Grade of C or better in ECE 3243 or consent of instructor). Three hours lecture. Linear system theory of optical processes; Electroptic systems; electro-optical information processing.</p> <p>Electro-Optics. (3). (Prerequisite: Grade of C or better in ECE 3424 or consent of instructor). Three hours lecture. Linear system theory of optical processes; Electroptic systems; electro-optical information processing.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Electro-Optics</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 4653/6653</p> <p>To: ECE 4653/6653</p>	<p>Introduction to Power Electronics. (3). (Prerequisite: Grade of C or better in both ECE 3414 and ECE 3254 or equivalent). Three hours lecture. Introduction to power electronic circuits, with emphasis on design and analysis of power semiconductor converters including DC-DC converters, PWM inverters, and DC power supplies.</p> <p>Introduction to Power Electronics. (3). (Prerequisite: Grade of C or better in both ECE 3414 and ECE 3424 or equivalent). Three hours lecture. Introduction to power electronic circuits, with emphasis on design and analysis of power semiconductor converters including DC-DC converters, PWM inverters, and DC power supplies.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Intro to Power Electron</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 4743/6743</p> <p>To: ECE 4743/6743</p>	<p>Digital Systems Design. (3). (Prerequisites: Grade of C or better in ECE 3724. Credit or registration in ECE 3243). Two hours lecture. Three hours laboratory. Hierarchical digital design using available design software. Computer aided design workstations will be used to give students access to state-of-the-art design techniques.</p> <p>Digital Systems Design. (3). (Prerequisites: Grade of C or better in ECE 3724. Credit or registration in ECE 3424). Two hours lecture. Three hours laboratory. Hierarchical digital design using available design software. Computer aided design workstations will be used to give students access to state-of-the-art design techniques.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Digital Systems Design</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 4813/6813</p> <p>To: ECE 4813/6813</p>	<p>Communications Theory. (3). (Prerequisite: Grade of C or better in ECE 3163). Three hours lecture. The frequency and time domain; modulation; random signal theory; network analysis using nondeterministic signals; basic information theory; noise.</p> <p>Communications Theory. (3). (Prerequisite: Grade of C or better in ECE 3443). Three hours lecture. The frequency and time domain; modulation; random signal theory; network analysis using nondeterministic signals; basic information theory; noise.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Communications Theory</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 4913/6913</p> <p>To: ECE 4913/6913</p>	<p>Feedback Control Systems I. (3). (Prerequisite: Grade of C or better in ECE 3163). Three hours lecture. Laplace transforms; transient and frequency response of feedback systems; transfer functions; Nyquist criterion, root locus; compensation of feedback systems; logarithmic analysis and design.</p> <p>Feedback Control Systems I. (3). (Prerequisite: Grade of C or better in ECE 3443). Three hours lecture. Laplace transforms; transient and frequency response of feedback systems; transfer functions; Nyquist criterion, root locus; compensation of feedback systems; logarithmic analysis and design.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Feedback Control Sys I</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 4923/6923</p> <p>To: ECE 4923/6923</p>	<p>Feedback Control Systems II. (3). (Prerequisite: Grade of C or better in ECE 3163). Three hours lecture. Finite difference and recurrence equations. Z-transform theory. Analysis of sample-data control systems. Design of digital control systems.</p> <p>Feedback Control Systems II. (3). (Prerequisite: Grade of C or better in ECE 3443). Three hours lecture. Finite difference and recurrence equations. Z-transform theory. Analysis of sample-data control systems. Design of digital control systems.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Feedback Control Sys II</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 4933/6933</p> <p>To: ECE 4933/6933</p>	<p>State Space Design. (3). (Prerequisite: Grade of C or better in ECE 3163). Three hours lecture. State space representation. Dynamic systems. Controllability and observability. Full-state feedback observers. Instrumentation: sensors and interfacing.</p> <p>State Space Design. (3). (Prerequisite: Grade of C or better in ECE 3443). Three hours lecture. State space representation. Dynamic systems. Controllability and observability. Full-state feedback observers. Instrumentation: sensors and interfacing.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION State Space Design</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 8013</p> <p>To: ECE 8713</p>	<p>Switching Theory I. (3). (Prerequisites: ECE 3254, ECE 4713/6713/ CS 4113/6113 or consent of instructor). Three hours lecture. Theory of combinational and sequential (synchronous and fundamental-mode) circuits with emphasis on performance, robustness, cost, and testability objectives.</p> <p>Switching Theory I. (3). (Prerequisites: ECE 3434, ECE 4713/6713 or consent of instructor). Three hours lecture. Theory of combinational and sequential (synchronous and fundamental-mode) circuits with emphasis on performance, robustness, cost, and testability objectives.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Switching Theory I</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 8053</p> <p>To: ECE 8723</p>	<p>Introduction to Computer Arithmetic. (3). (Prerequisite: ECE 4263/6263). Three hours lecture. Fixed point number systems; algorithms and associated logic level implementation for fixed point addition, subtraction, multiplication, and division; floating-point formats and operation.</p> <p>Introduction to Computer Arithmetic. (3). (Prerequisite: ECE 4263/6263). Three hours lecture. Fixed point number systems; algorithms and associated logic level implementation for fixed point addition, subtraction, multiplication, and division; floating-point formats and operation.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Intro to Computer Arith</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 8063</p> <p>To: ECE 8733</p>	<p>Parallel Computing Architectures I. (3). (Prerequisite: ECE 4713/6713/ CS 4113/6113). Three hours lecture. Study of hardware structures relevant to concurrent computing; evaluation and design methods associated with memory, pipelining, and multiple processors.</p> <p>Parallel Computing Architectures I. (3). (Prerequisite: ECE 4713/6713/ CS 4113/6113). Three hours lecture. Study of hardware structures relevant to concurrent computing; evaluation and design methods associated with memory, pipelining, and multiple processors.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Parallel Comp Arch I</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 8223</p> <p>To: ECE 8223</p>	<p>Analog IC Design. (3). (Prerequisite: ECE 3254). Analysis and design of analog integrated circuits. Selected topics on operational amplifiers, A-to-D converters and communication circuits. Bi-polar and MOSFETS.</p> <p>Analog IC Design. (3). (Prerequisite: ECE 3434). Analysis and design of analog integrated circuits. Selected topics on operational amplifiers, A-to-D converters and communication circuits. Bi-polar and MOSFETS.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Analog IC Design</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 8413</p> <p>To: ECE 8413</p>	<p>Digital Spectral Analysis. (3). (Prerequisite: ECE 3163 or consent of instructor). Three hours lecture. Spectral estimation problem, classical methods, parametric modeling, statistical estimation, sinusoidal estimation, and high order spectra. Time series applications.</p> <p>Digital Spectral Analysis. (3). (Prerequisite: ECE 3443 or consent of instructor). Three hours lecture. Spectral estimation problem, classical methods, parametric modeling, statistical estimation, sinusoidal estimation, and high order spectra. Time series applications.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Dig Spectral Analysis</p> <p>Effective: Spring 09</p>

<p>Modify From: ECE 8423</p> <p>To: ECE 8423</p>	<p>Adaptive Signal Processing. (3). (Prerequisites: ECE 3163 or consent of instructor). Three hours lecture. Adaptive filtering, theoretical foundation, algorithms, structures, and implementations. Applications are included.</p> <p>Adaptive Signal Processing. (3). (Prerequisites: ECE 3443 or consent of instructor). Three hours lecture. Adaptive filtering, theoretical foundation, algorithms, structures, and implementations. Applications are included.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Adaptive Signal Process</p> <p>Effective: Spring 09</p>
<p>Modify From: ECE 8453</p> <p>To: ECE 8453</p>	<p>Introduction to Wavelets. (3). (Prerequisite: ECE 3163 or consent of instructor). Three hours lecture. Wavelet-expansion systems, discrete wavelet transform, multiresolution analysis, time-frequency analysis, filter banks and the discrete wavelet transform, wavelet transform, wavelet design, wavelet-based applications.</p> <p>Introduction to Wavelets. (3). (Prerequisite: ECE 3443 or consent of instructor). Three hours lecture. Wavelet-expansion systems, discrete wavelet transform, multiresolution analysis, time-frequency analysis, filter banks and the discrete wavelet transform, wavelet transform, wavelet design, wavelet-based applications.</p> <p>METHOD OF INSTRUCTION: C MEHTOD OF DELIVERY: F C.I.P. 14.1001 24-CHARACTER ABBREVIATION Introduction to Wavelets</p> <p>Effective: Spring 09</p>

All of the proposals were approved with the exception of the following:

Proposals**

Dr. Jerome A. Gilbert
Associate Vice President for Academic Affairs

Date