

## MEMORANDUM

January 12, 2009

**TO:** Academic Deans Council

**FROM:** Dr. Timothy Chamblee  
UCCC Chair

**RE:** Change Notice 3

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 January 23, 2009 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

Add	BCH 4503/6503	<p><b>Scientific Communication Skills.</b> (3). (Prerequisites: Undergraduate, non-BCH majors-junior or senior standing; BCH majors-co registration in BCH 4414 or consent of instructor, or Graduate standing). Three hours lecture. Introduction to developing information literature and survey of data manipulation and presentation skills.</p> <p>METHOD OF INSTRUCTION: C      DELIVERY: F C.I.P. 26.0202                      24-CHAR: Sci Comm Skills</p> <p>Effective: Fall 09</p>
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### ARTS AND SCIENCES

Delete:	BIO 8104	<p><b>Experimental Molecular Biology.</b> (4). (Prerequisite: Consent of instructor). One hour lecture. Six hours laboratory. Practical experience with the molecular analysis of gene function.</p> <p>Effective: Fall 2009</p>
Add	PPA 8763	<p><b>Local Government Planning.</b> (3). Three hours lecture. Introduction to the public management practice of planning with an emphasis on local government processes, politics and techniques for planning.</p> <p>METHOD OF INSTRUCTION: C      DELIVERY: F C.I.P. 44.0401                      24-CHAR: Local Govt Planning</p> <p>Effective: Spring 09</p>

### EDUCATION

Add	EP 3233	<p><b>Anatomical Kinesiology.</b> (3). Three hours lecture. A functional account of body structure, analysis of human movement and related injury mechanism.</p> <p>METHOD OF INSTRUCTION: C      DELIVERY: F C.I.P. 26.0908                      24-CHAR: Anatomical Kinesiology</p> <p>Effective: Spring 09</p>
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<p>Add EP 3304</p>	<p><b>Exercise Physiology.</b> (4). (Prerequisite: BIO 1004 or BIO 2004 and CH 1043 or CH 1213). Three hours lecture. Two hours laboratory. Examines physiological systems central to exercise performance, interrelationships of those systems during exercise, and adaptations of the human body during both acute and chronic exercise.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Exercise Physiology</p> <p>Effective: Spring 09</p>
<p>Add EP 3643</p>	<p><b>Applied Anatomy and Pathophysiology.</b> (3). (Prerequisites: BIO 1004 or BIO 2004). Three hours lecture. Anatomical foundation of the human body with related pathophysiology of the cardiovascular, peripheral and central nervous system, and musculoskeletal disease states.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Applied Anat &amp; Pathophys</p> <p>Effective: Spring 09</p>
<p>Add EP 3663</p>	<p><b>Personal Fitness Training.</b> (3) (Prerequisites: EP 3183, EP 3304). Two hours lecture. Two hours laboratory. Fundamentals of personal training including skill development in leading others to become physically active and developing a lifestyle conducive to good health.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Personal Fitness Training</p> <p>Effective: Spring 09</p>
<p>Add EP 4123</p>	<p><b>Aging and Disability.</b> (3). (Prerequisites: EP 4143). Three hours lecture. An examination of the disablement process, chronic diseases, and aging. Issues and implications of disablement are discussed.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Aging and Disability</p> <p>Effective: Spring 09</p>

<p>Add EP 4143</p>	<p><b>Aging and Physical Activity.</b> (3). (Prerequisites: EP 3304). Three hours lecture. The effects of normative aging processes on homeostatic mechanisms and how these changes relate to exercise and sport performance in later life.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Aging &amp; Physicl Activity</p> <p>Effective: Spring 09</p>
<p>Add EP 4703</p>	<p><b>Neural Control of Human Movement.</b> (3). (BIO 1004 or BIO 2014; EP 3643). Three hours lecture. Overview of the neural processes associated with human movement with the major focus being the mechanistic control of coordinated movement.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Neural Contl Human Mov</p> <p>Effective: Spring 09</p>
<p>Add EP 4802</p>	<p><b>Professional Seminar in Exercise Science.</b> (2). (Senior standing and concurrent enrollment in the internship course). Two hours lecture. A seminar dealing with issues as they relate to the professional practice requirements.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Prof Sem in Exercise Sci</p> <p>Effective: Spring 09</p>
<p>Add: PE 3163</p>	<p><b>Sport Psychology.</b> (3). Analysis of the competitive sport process, with study of how personality and situational variables affect motivation, anxiety, and aggression in sport.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 13.1314 24-CHAR: Sport Psychology</p> <p>Effective: Fall 09</p>

<p>Add PE 3313</p>	<p><b>Sport Physiology.</b> (3). Athletic performance physiology applicable to physical education and coaching. Examination of physiological concepts related to performance including training methods, bioenergetics, ergogenics, and nutrition for athletes. (For Sport Pedagogy majors).</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 13.1314 24-CHAR: Sport Physiology</p> <p>Effective: Spring 09</p>
<p>Add PE 3623</p>	<p><b>Exercise Physiology II.</b> (3). Examines the cardiovascular, respiratory, endocrine, immunologic, and osteogenics aspects of physiology and their application to acute and chronic exercise throughout the lifespan.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 13.1314 24-CHAR: Sport Physiology II</p> <p>Effective: Spring 09</p>
<p>Add PE 4283</p>	<p><b>Sports Biomechanics.</b> (3). (Prerequisite: BIO 1004 or BIO 2004). Systematic qualitative and quantitative analyses of selected athletic performances and other human movements utilizing observation and other measurement techniques to detect and correct faults that limit performance during sport activity.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 13.1314 24-CHAR: Sport Biomechanics</p> <p>Effective: Spring 09</p>
<p>Add SS 2003</p>	<p><b>Foundations of Sport Management.</b> (3). Three hours lecture. Overview/analysis of sport management, including an examination of sport and sport-related organizations. Acquaints student with job opportunities in the profession and discusses future trends.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 31.0504 24-CHAR: Foundations Sport Mgmt</p> <p>Effective: Spring 09</p>

<p>Add SS 3103</p>	<p><b>Sport Sponsorship.</b> (3). Three hours lecture. The sponsorship process as it relates to athletics and commercial sport operations; creation and application of sponsorships to specific sport scenarios.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 31.0504 24-CHAR: Sport Sponsorship</p> <p>Effective: Spring 09</p>
<p>Add SS 3203</p>	<p><b>Sport Law.</b> (3). Three hours lecture. Law as it relates to the sport industry. Includes discussion/ understanding/application of influenced by torts, contracts, employment-related issues, and intellectual property on the sport industry.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 31.0504 24-CHAR: Sport Law</p> <p>Effective: Spring 09</p>
<p>Add SS 3303</p>	<p><b>Communication Management in Sport.</b> (3). Three hours lecture. Functions and tasks of communication professionals in the sport business, including such fields as public relations, media relations, community relations, and promotions.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 31.0504 24-CHAR: Communicat Mgmt in Sport</p> <p>Effective: Spring 09</p>
<p>Add SS 3403</p>	<p><b>Facility and Event Management in Sport.</b> (3). Three hours lecture. This course covers the requisite responsibilities and tasks involved in facility and event management in the sport industry.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 31.0504 24-CHAR: Facil &amp; Event Mgmt Sport</p> <p>Effective: Spring 09</p>

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Add	SS 4103	<p><b>Ethics in Sport Management.</b> (3). Three hours lecture. Ethical issues relevant to administration in the sport business industry across a range of areas, including professional sport, collegiate sport, and youth/high school sport.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0504 24-CHAR: Ethics in Sport Mgmt</p> <p>Effective: Spring 09</p>
Add	SS 4203	<p><b>Funding Of Sport.</b> (3). Three hours lecture. Foundation of fiscal management concepts in the sport industry, including finance, economics, accounting, and general business practices.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0504 24-CHAR: Funding of Sport</p> <p>Effective: Spring 09</p>
Add	SS 4303	<p><b>Globalization and Sport.</b> (3). Three hours lecture. The impact of globalization trends on the sports industry. The course explores various theories of globalization as they relate to the business of sport.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0504 24-CHAR: Globalization &amp; Sport</p> <p>Effective: Spring 09</p>
Modify From:	PE 1112	<p><b>Teaching Team Sports.</b> (2). Theory of and participation in non-traditional and traditional team sports. Analysis of skills, discussion of developmental appropriateness, terms, basic rules, and teaching strategies.</p>
To:	PE 1202	<p><b>Teaching Team Sports.</b> (2). Theory of and participation in non-traditional and traditional team sports. Analysis of skills, discussion of developmental appropriateness, terms, basic rules, and teaching strategies.</p> <p>Effective Spring 09</p>

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<p>Modify From: PE 1122</p> <p>To: PE 1212</p>	<p><b>Teaching Individual and Dual Sports. (2).</b> Theory of and participation in non-traditional and traditional individual and dual sports. Analysis of skills, discussion of developmental appropriateness, terms, basic rules, and teaching strategies.</p> <p><b>Teaching Individual and Dual Sports. (2).</b> Theory of and participation in non-traditional and traditional individual and dual sports. Analysis of skills, discussion of developmental appropriateness, terms, basic rules, and teaching strategies.</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1123</p> <p>To: PE 1323</p>	<p><b>History and Appreciation of Dance. (3).</b> A course designed to acquaint students with the history of dance and to develop a greater sensitivity, appreciation and understanding of this art.</p> <p><b>History and Appreciation of Dance. (3).</b> A course designed to acquaint students with the history of dance and to develop a greater sensitivity, appreciation and understanding of this art.</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1131</p> <p>To: PE 1061</p>	<p><b>Fitness Walking/Jog. (1).</b> An exercise and activity class emphasizing waling and/or jogging to develop and maintain fitness, weight control and flexibility.</p> <p><b>Fitness Walking/Jogging. (1).</b> An exercise and activity class emphasizing waling and/or jogging to develop and maintain fitness, weight control and flexibility.</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 1132</p> <p>To: PE 1222</p>	<p><b>Teaching Lifetime Activities.</b> (2). Activities, methods and theories within outdoor education. Introduction of concepts, activities, technologies and teaching methods for strength training, aerobic conditioning, fitness assessment and stress management.</p> <p><b>Teaching Lifetime Activities.</b> (2). Activities, methods and theories within outdoor education. Introduction of concepts, activities, technologies and teaching methods for strength training, aerobic conditioning, fitness assessment and stress management.</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1142</p> <p>To: PE 1232</p>	<p><b>Teaching Rhythms.</b> (2). Instruction, demonstration, skill development, and teaching techniques in the areas of square, fold, and contemporary dance.</p> <p><b>Teaching Rhythms.</b> (2). Instruction, demonstration, skill development, and teaching techniques in the areas of square, fold, and contemporary dance.</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1213</p> <p>To: EP 2013</p>	<p><b>Introduction to Exercise Science.</b> (3). This course is designed to provide an overall understanding of the professions within Exercise Science.</p> <p><b>Introduction to Exercise Science.</b> (3). This course introduces the history of exercise science and examines the academic disciplines and professions comprising exercise science and kinesiology.</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1221</p> <p>To: PE 1021</p>	<p><b>Volleyball.</b> (1). Emphasis is on rules, knowledge, and team tactics necessary to successfully participate in an organized game.</p> <p><b>Volleyball.</b> (1). Emphasis is on rules, knowledge, and team tactics necessary to successfully participate in an organized game.</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 1223</p> <p>To: KI 1803</p>	<p><b>Personal Health.</b> (3). An introductory survey of the multiple dimensions of health. Focus is upon healthy behaviors across the lifespan as well as environmental and social influences.</p> <p><b>Health Trends and Topics.</b> (3). An introductory survey of the multiple dimensions of health. Focus is upon healthy behaviors across the lifespan as well as environmental and social influences.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Health Trends &amp; Topics</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1231</p> <p>To: PE 1161</p>	<p><b>Modern Dance.</b> (1). Laboratory experience including a wide range of fundamental exercise and techniques, movement patterns, and dance choreography.</p> <p><b>Modern Dance.</b> (1). Laboratory experience including a wide range of fundamental exercise and techniques, movement patterns, and dance choreography.</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1241</p> <p>To: PE 1031</p>	<p><b>Tennis.</b> (1). Emphasis is on rules, knowledge, and team tactics necessary to successfully participate in an organized game.</p> <p><b>Tennis.</b> (1). Emphasis is on rules, knowledge, and team tactics necessary to successfully participate in an organized game.</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 1271</p> <p>To: PE 1141</p>	<p><b>Fitness and Conditioning.</b> (1). This course provides the student with the necessary cognitive and laboratory experiences to make personal decisions specific to fitness and conditioning. (May be taken up to four times for credit).</p> <p><b>Fitness and Conditioning.</b> (1). This course provides the student with the necessary cognitive and laboratory experiences to make personal decisions specific to fitness and conditioning. (May be taken up to four times for credit).</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1313</p> <p>To: PE 2043</p>	<p><b>Introduction to Physical Education.</b> (3). Interpretation of the meaning of physical education based on the significant facts of the biological sciences.</p> <p><b>Introduction to Sport Studies.</b> (3). Interpretation of the meaning of physical education based on the significant facts of the biological sciences.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Intro to Sport Studies</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 1361</p> <p>To: PE 1151</p>	<p><b>Strength Training.</b> (1). Principles and practices of strength training with particular emphasis on specificity of design and management of load, repetition, rate of exercise and recovery time.</p> <p><b>Strength Training.</b> (1). Principles and practices of strength training with particular emphasis on specificity of design and management of load, repetition, rate of exercise and recovery time.</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 1461</p> <p>To: PE 1011</p>	<p><b>Badminton.</b> (1). Emphasis is on rules, knowledge, and team tactics necessary to successfully participate in an organized game.</p> <p><b>Badminton.</b> (1). Emphasis is on rules, knowledge, and team tactics necessary to successfully participate in an organized game.</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 2003</p> <p>To: KI 2023</p>	<p><b>Foundations of Health Education.</b> (1). Introduction to the discipline of Health Education. Examination of fundamental concepts and required competencies of the health educator in a variety of settings.</p> <p><b>Foundations of Health Education.</b> (1). Introduction to the discipline of Health Education. Examination of fundamental concepts and required competencies of the health educator in a variety of settings.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Foundations Health Educ</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 2613</p> <p>To: EP 3613</p>	<p><b>Exercise Electrocardiography.</b> (3). Basic and intermediate electrocardiography including cardiac function, lead systems, rate, rhythms, axis, infarction, ischemia, hypertrophy and effects of cardiovascular drugs and exercise on ECG.</p> <p><b>Exercise Electrocardiography.</b> (3). (Prerequisite: BIO 1004 or BIO 2014). Three hours lecture. Basic and intermediate electrocardiography including cardiac function, lead systems, rate, rhythm, axis, infarction, ischemia, hypertrophy and effects of cardiovascular drugs and exercise on ECG.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Exercise Electrocardio</p> <p>Effective: Spring 09</p>

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<p>Modify To: PE 2990</p> <p>From: KI 2990</p>	<p><b>Special Topics in Physical Education.</b> (0-9). This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years).</p> <p><b>Special Topics in Physical Education.</b> (0-9). This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years).</p> <p>METHOD OF INSTRUCTION: I DELIVERY: F C.I.P. 31.0505 24-CHAR: Specl Topics in Phys Ed</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 3183</p> <p>To: EP 3183</p>	<p><b>Psychology of Sport and Exercise.</b> (3). Psychological principles applied to leadership in sport and exercise settings.</p> <p><b>Exercise Psychology.</b> (3). Contemporary psychological research and theory as related to human behavior and health in an exercising setting.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Exercise Psychology</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 3213</p> <p>To: KI 2213</p>	<p><b>Emergency Health Care.</b> (3). First Aid procedures which include shock, wounds, CPR, resuscitation, poisoning, transportation, hemorrhaging, splinting, burns, respiratory problems, etc are taught and practiced.</p> <p><b>Emergency Health Care.</b> (3). Provides students with knowledge and practical experience necessary to prevent, recognize, and provide basic care for injuries and sudden illnesses until advanced medical care arrives.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Emergency Health Care</p> <p>Effective: Spring 09</p>

<p>Modify          From: PE 4113/6113</p> <p>To: EP 4113/6113</p>	<p><b>Fitness Programs and Testing Procedures. (3).</b>          Provides study and practice in conducting adult fitness programs and fitness testing procedures.</p> <p><b>Fitness Programs and Testing Procedures. (3).</b>          (Prerequisite: EP 3304). Two hours lecture. Two hours laboratory. Provides study of and practice in conducting adult fitness programs and fitness testing procedures.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 26.0908 24-CHAR: Clin Exercis Phys Intern</p> <p>Effective: Spring 09</p>
<p>Modify          From: PE 4133</p> <p>To: EP 4133</p>	<p><b>Exercise Programs for Special Populations. (3).</b> This course describes the methods of prescribing exercise programs for individuals with special medical conditions.</p> <p><b>Exercise Programs for Clinical Populations. (3).</b>          (Prerequisite: EP 3304). Three hours lecture. This course describes the methods of prescribing exercise programs for individuals with special medical conditions.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 26.0908 24-CHAR: Exerc Progrm Clinic Pop</p> <p>Effective: Spring 09</p>
<p>Modify          From: PE 4153/6153</p> <p>To: EP 4153/6153</p>	<p><b>Training Techniques for Exercise and Sport. (3).</b>          Training techniques used for exercise and sport and their acute and chronic effect upon the body.</p> <p><b>Training Techniques for Exercise and Sport. (3).</b>          (Prerequisite: PE 3304). Three hours lecture. Training techniques used for exercise and sport and their acute and chronic effects.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 26.0908 24-CHAR: Train Tech Exerc &amp; Sport</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 4183</p> <p>To: EP 4183</p>	<p><b>Exercise and Weight Control.</b> (3). The course describes the relationship between physical activity and nutrition for the maintenance of ideal body weight and optimal health throughout life.</p> <p><b>Exercise and Weight Control.</b> (3). (Prerequisite: PE 3304). Two hours lecture. Two hours laboratory. The course describes the relationship between physical activity and nutrition for the maintenance of ideal body weight and optimal health throughout life.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Exercise &amp; Weight Contrl</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 4210</p> <p>To: EP 4210</p>	<p><b>Fitness Management Internship.</b> (0-6). A supervised observation and teaching experience in a fitness/health enhancement facility.</p> <p><b>Health Fitness Studies Internship.</b> (3-6). (Prerequisite: senior status, EP 3233, EP 3663, EP 4113, EP 4153, EP 4183, and final semester senior status). Hours and credits to be arranged. A supervised observation and teaching experience in a fitness/health enhancement facility.</p> <p>METHOD OF INSTRUCTION: E DELIVERY: F C.I.P. 26.0908 24-CHAR: Hlth Fitness Stdies Intern</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 4313-4316</p> <p>To: SS 4393-4396</p>	<p><b>Sports Communication Internship.</b> (3-6). Hours and credits to be arranged. A supervised observation and practicum experience in a sports communication setting.</p> <p><b>Sport Studies Internship.</b> (3-6). Hours and credits to be arranged. A supervised observation and practicum experience in a sports communication setting.</p> <p>METHOD OF INSTRUCTION: E DELIVERY: F C.I.P. 31.0504 24-CHAR: Sport Studies Internship</p> <p>Effective: Spring 09</p>

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<p>Modify          From: PE 4410</p> <p>To: EP 4810</p>	<p><b>Clinical Exercise Physiology Internship.</b> (0-6). A supervised observation and teaching experience in clinical exercise physiology setting.</p> <p><b>Clinical Exercise Physiology Internship.</b> (3-6). (Prerequisite: KI 2603, EP 3613, EP 3304, EP 4113, EP 4133, EP 4603, EP 4643, and final semester senior status). A supervised observation and teaching experience in a clinical exercise physiology setting.</p> <p>METHOD OF INSTRUCTION: H DELIVERY: F          C.I.P. 26.0908 24-CHAR: Clin Exercis Phys Intern</p> <p>Effective: Spring 09</p>
<p>Modify          From: PE 4603</p> <p>To: EP 4603</p>	<p><b>Exercise in Health and Disease.</b> (3). Focus on the pathophysiology and risk factors of diseases and associated health problems attributable to physical inactivity.</p> <p><b>Physical Activity Epidemiology.</b> (3). (Prerequisites: EP 3304). Three hours lecture. Biological mechanisms and behavioral determinants for healthy adaptation to physical activity forms.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 26.0908 24-CHAR: Physical Activity Epidem</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 4873</p> <p>To: PE 4873</p>	<p><b>Professional Seminar in Physical Education and Athletics.</b> (3). Three hours lecture. A seminar dealing with legal, professional, administrative, and curricular issues as they relate to physical education and athletics in the schools.</p> <p><b>Professional Seminar in Physical Education.</b> (3). Three hours lecture. A seminar dealing with legal, professional, administrative, and curricular issues as they relate to physical education and athletics in the schools.</p> <p>METHOD OF INSTRUCTION: S DELIVERY: F C.I.P. 13.1314 24-CHAR: Profession Sem Phys Ed</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8113</p> <p>To: PE 8113</p>	<p><b>Curriculum Construction in PE.</b> (3). Three hours lecture. Principles, problems, and procedures in the development of a physical education curriculum are considered. Special emphasis is placed upon developing a course of study in physical education for a chosen situation.</p> <p><b>Curriculum Construction in Physical Education.</b> (3). Three hours lecture. Principles, problems, and procedures in the development of a physical education curriculum are considered. Special emphasis is placed upon developing a course of study in physical education for a chosen situation.</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8163</p> <p>To: PE 8163</p>	<p><b>Seminar in Physical Education.</b> (3). Three hours lecture. The course gives a complete review of current literature in Health, Physical Education, and Recreation.</p> <p><b>Seminar in Physical Education.</b> (3). Three hours lecture. The course gives a complete review of current literature Physical Education.</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 8263</p> <p>To: EP 8263</p>	<p><b>Exercise Biochemistry.</b> (3). Three hours lecture. Functioning, interrelationships and adaptations of the systems of the body during acute and chronic exercise.</p> <p><b>Exercise Biochemistry.</b> (3). (Prerequisite: EP 3304). An advanced review of exercise metabolism with special emphasis on aerobic processes during muscular effort.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Exercise Biochemistry</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8273</p> <p>To: EP 8273</p>	<p><b>Laboratory Instrumentation.</b> (3). A course in the function, calibration and operation of physical education laboratory instruments.</p> <p><b>Laboratory Instrumentation.</b> (3). (Prerequisite: EP 3304). A course in the function, calibration and operation of physical education laboratory instruments.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Laboratory Instrument</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8123</p> <p>To: SS 8123</p>	<p><b>Sports Administration.</b> (3). Three hours lecture. Study of principles, problems, human relationship, and procedures in supervision in sport administration. Involves theories of leadership, programs, and philosophies in the sports industry.</p> <p><b>Sport Management.</b> (3). Three hours lecture. Study of principles, problems, human relationship, and procedures in supervision in sport administration. Involves theories of leadership, programs, and philosophies in the sport industry.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0504 24-CHAR: Sports Management</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 8303</p> <p>To: KI 8303</p>	<p><b>Research in Exercise and Sport.</b> (3). Three hours lecture. A study of research methods and techniques; the preparation of the research proposal specific to exercise science and sport; and familiarization with APA writing guidelines.</p> <p><b>Research in Kinesiology.</b> (3). Three hours lecture. Study of the methods and techniques used in kinesiology research. During the course of the semester students prepare a research proposal.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Research in Kinesiology</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8313</p> <p>To: KI 8313</p>	<p><b>Interpretation of Data in Exercise Science and Sport.</b> (3). Three hours lecture. Measurement, analysis and interpretation of data in exercise science and sport.</p> <p><b>Interpretation of Data in Kinesiology.</b> (3). Statistical interpretation of qualitative and quantitative data in the various disciplines of kinesiology.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Interpret Data Kineslgy</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8710</p> <p>To: KI 8710</p>	<p><b>Internship.</b> (0-9). Opportunity for practical experience in business, fitness/wellness and sports organizations.</p> <p><b>Internship.</b> (0-9). Opportunity for practical experience in the sport industry, fitness/wellness programs, or clinical rehabilitation settings.</p> <p>METHOD OF INSTRUCTION: E DELIVERY: F C.I.P. 31.0505 24-CHAR: Internship</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 8823</p> <p>To: SS 8823</p>	<p><b>Sports Sponsorships.</b> (3). Three hours lecture. An examination of the uniqueness of the sport sponsorships and the importance of effective advancement and visibility of the sport brand and positioning.</p> <p><b>Sport Sponsorships.</b> (3). Three hours lecture. An examination of the uniqueness of the sport sponsorships and the importance of effective advancement and visibility of the sport brand and positioning.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Sports Sponsorships</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8883</p> <p>To: SS 8883</p>	<p><b>Sports Ethics.</b> (3). Three hours lecture. Philosophical exploration in the recognition, analysis, and implementation of ethical thought and the ethical decision making process within the multivalued contexts of the sports industry.</p> <p><b>Ethical Issues in Sport.</b> (3). Three hours lecture. Philosophical exploration in the recognition, analysis, and implementation of ethical thought and the ethical decision making process within the multivalued contexts of the sports industry.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0504 24-CHAR: Ethical Issues in Sport</p> <p>Effective: Spring 09</p>

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<p>Modify          From: PE 4990/6990</p> <p>To: KI 4990/6990</p>	<p><b>Special Topics in Physical Education.</b> Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years).</p> <p><b>Special Topics in Physical Education.</b> Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years).</p> <p>METHOD OF INSTRUCTION: I DELIVERY: F          C.I.P. 31.0505 24-CHAR: Special Topics</p> <p>Effective: Spring 09</p>
<p>Modify          From: PE 8990</p> <p>To: KI 8990</p>	<p><b>Special Topics in Physical Education.</b> (3). Three hours lecture. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years).</p> <p><b>Special Topics in Physical Education.</b> (3). Three hours lecture. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years).</p> <p>METHOD OF INSTRUCTION: I DELIVERY: F          C.I.P. 31.0505 24-CHAR: Special Topics</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 2603</p> <p>To: KI 2603</p>	<p><b>Medical Terminology.</b> (3). Three hours lecture. A working knowledge of terminology related to the human body through descriptive definitions, practical applications, and medical abbreviations will be developed.</p> <p><b>Medical Terminology.</b> (3). Three hours lecture. A working knowledge of terminology related to the human body through descriptive definitions, practical applications, and medical abbreviations will be developed.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 31.0505 24-CHAR: Medical Terminology</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 3273</p> <p>To: KI 3273</p>	<p><b>Athletic Training.</b> (3). (Prerequisites: BIO 1004 or BIO 2004). Two hours lecture. Two hours laboratory. Prevention and treatment of injuries prevalent in athletics, physical education and adult fitness programs.</p> <p><b>Athletic Training.</b> (3). (Prerequisites: BIO 1004 or BIO 2004). Two hours lecture. Two hours laboratory. Prevention and treatment of injuries prevalent in athletics, physical education and adult fitness programs.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 31.0505 24-CHAR: Athletic Training</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 3633</p> <p>To: KI 3633</p>	<p><b>Rehabilitation Techniques in Sport. (3).</b> (Prerequisite: PE 3273). Two hours lecture. Two hours laboratory. Investigates aspects of physiotherapy utilized in treatment of injuries. Course will be supported with assistance of Oktibbeha County Hospital.</p> <p><b>Rehabilitation Techniques in Sport. (3).</b> (Prerequisite: PE 3273). Two hours lecture. Two hours laboratory. Investigates aspects of physiotherapy utilized in treatment of injuries. Course will be supported with assistance of Oktibbeha County Hospital.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0505 24-CHAR: Rehab Technique in Sport</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 4000</p> <p>To: KI 4000</p>	<p><b>Directed Individual Study. (0-9).</b> Hours and credits to be arranged.</p> <p><b>Directed Individual Study. (0-9).</b> Hours and credits to be arranged.</p> <p>METHOD OF INSTRUCTION: I DELIVERY: F C.I.P. 31.0505 24-CHAR: Directed Individual Stdy</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 7000</p> <p>To: KI 7000</p>	<p><b>Directed Individual Study. (0-9).</b> Hours and credits to be arranged.</p> <p><b>Directed Individual Study. (0-9).</b> Hours and credits to be arranged.</p> <p>METHOD OF INSTRUCTION: I DELIVERY: F C.I.P. 31.0505 24-CHAR: Directed Individual Stdy</p> <p>Effective: Spring 09</p>

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<p>Modify          From: PE 8000</p> <p>To: KI 8000</p>	<p><b>Thesis Research/Thesis.</b> (0-9). Hours and credits to be arranged.</p> <p><b>Thesis Research/Thesis.</b> (0-9). Hours and credits to be arranged.</p> <p>METHOD OF INSTRUCTION: D DELIVERY: F          C.I.P. 31.0505 24-CHAR: Thesis Research/Thesis</p> <p>Effective: Spring 09</p>
<p>Modify          From: PE 8243</p> <p>To: EP 8243</p>	<p><b>Cardiorespiratory Exercise Physiology.</b> (3).          (Prerequisite: PE 3303). Three hours lecture. Advanced principles of cardiovascular and respiratory physiology, with special emphasis on the physiological responses of these systems to acute and chronic exercise.</p> <p><b>Cardiorespiratory Exercise Physiology.</b> (3).          (Prerequisite: PE 3304 or equivalent). Three hours lecture. Advanced principles of cardiovascular and respiratory physiology, with special emphasis on the physiological responses of these systems to acute and chronic exercise.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 26.0908 24-CHAR: Cardioresp Exer Physiol</p> <p>Effective: Spring 09</p>

<p>Modify          From: PE 8253</p> <p>To: EP 8253</p>	<p><b>Doping and Supplemental Use in Sports. (3).</b>          (Prerequisite: PE 3303 or equivalent, or consent of instructor). Three hours lecture. Examination of the pharmacological and nutritional agents used to enhance muscular development and athletic performance. Examination of commonly abused recreational drugs.</p> <p><b>Doping and Supplemental Use in Sports. (3).</b>          (Prerequisite: PE 3304 or equivalent, or consent of instructor). Three hours lecture. Examination of the pharmacological and nutritional agents used to enhance muscular development and athletic performance. Examination of commonly abused recreational drugs.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 26.0908 24-CHAR: Doping/Supl Use in Sport</p> <p>Effective: Spring 09</p>
<p>Modify          From: PE 8283</p> <p>To: EP 8283</p>	<p><b>Environmental Exercise Physiology. (3).</b> (Prerequisite: PE 3303; suggested prerequisite or corequisite PE 8243). Three hours lecture. Advanced principles and applications in exercise physiology including responses to acute exercise and chronic training in the heat, cold, and at high and low pressures.</p> <p><b>Environmental Exercise Physiology. (3).</b> (Prerequisite: PE 3304). Three hours lecture. Advanced principles and applications in exercise physiology including responses to acute exercise and chronic training in the heat, cold, and at high and low pressures.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F          C.I.P. 26.0908 24-CHAR: Environ Exercise Physio</p> <p>Effective: Spring 09</p>

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<p>Modify From: PE 8323</p> <p>To: EP 8323</p>	<p><b>Science and Practice of Cardiopulmonary Rehabilitation.</b> (3). Three hours lecture. An examination of concepts, design, and implementation of cardiopulmonary rehabilitation programs that focuses on disease treatment and management, patient education, and lifestyle modifications.</p> <p><b>Science and Practice of Cardiopulmonary Rehabilitation.</b> (3). Three hours lecture. An examination of concepts, design, and implementation of cardiopulmonary rehabilitation programs that focuses on disease treatment and management, patient education, and lifestyle modifications.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Sci &amp; Prac Cardio Rehab</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8423</p> <p>To: EP 8423</p>	<p><b>Graded Exercise Testing.</b> (3). (Prerequisite: PE 3303). Two hours lecture. Two hours laboratory. Methods of supervising graded exercise testing, including interpretation of basic electrocardiography.</p> <p><b>Graded Exercise Testing.</b> (3). (Prerequisite: PE 3304). Two hours lecture. Two hours laboratory. Methods of supervising graded exercise testing, including interpretation of basic electrocardiography.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 26.0908 24-CHAR: Gr Exercise Testing</p> <p>Effective: Spring 09</p>
<p>Modify From: PE 8803</p> <p>To: SS 8803</p>	<p><b>Sport Law.</b> (3). Three hours lecture. The analysis and application of the legal foundations, concepts and issues impacting the sports industry.</p> <p><b>Sport Law.</b> (3). Three hours lecture. The analysis and application of the legal foundations, concepts and issues impacting the sports industry.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 31.0504 24-CHAR: Sport Law</p> <p>Effective: Spring 09</p>

Modify From:	PE 8833	<b>Event and Facility Management.</b> (3). Three hours lecture. The principles and applications of management, design, and maintenance concepts as they apply to indoor and outdoor events and facilities.
To:	SS 8833	<b>Event and Facility Management.</b> (3). Three hours lecture. The principles and applications of management, design, and maintenance concepts as they apply to indoor and outdoor events and facilities.  METHOD OF INSTRUCTION: C      DELIVERY: F C.I.P. 31.0504      24-CHAR: Event & Facility Mgmt  Effective: Spring 09
Delete	PE 1021	<b>Basic Physical Fitness Concepts.</b> (1). Basic knowledge, understandings and values of physical fitness. Emphasis on individualized fitness evaluation procedures and diversified program construction.  Effective: Fall 09
Delete	PE 1233	<b>Introduction to Lifetime Leisure.</b> (3). A comprehensive examination of leisure from psychological, sociological, economical and historical contexts. Includes an exploration of individual and group activities appropriate for lifetime involvement.  Effective: Fall 09
Delete	PE 2001	<b>Practicum in Health and Physical Education.</b> (1). This course is designed to provide a laboratory experience for health and physical education majors in actual teaching situations.  Effective: Fall 09
Delete:	PE 3173	<b>Measurement and Evaluation in Exercise Science.</b> (3). Emphasis is placed on fitness assessment and statistical interpretation of data related to fitness.  Effective: Fall 09
Delete:	PE 3303	<b>Exercise Physiology I.</b> (3). Examines the physiological aspects of muscular work, nervous system function, and metabolism, and their application to exercise, fitness, training, injury, and fatigue.  Effective: Fall 09

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Delete	PE 3623	<b>Exercise Physiology.</b> Three hours lecture. A comprehensive examination of leisure from psychological, sociological, economical and historical contexts. Includes an exploration of individual and group activities appropriate for lifetime involvement.  Effective: Fall 09
Delete	PE 3643	<b>Applied Anatomy.</b> (3). Provides an in-depth analysis of muscle structure, muscle function, adaptation of muscle to resistance training, and effects of disuse.  Effective: Spring 09
Delete	PE 4233	<b>Biomechanics.</b> (3). (Prerequisites: BIO 1004 or BIO 2004). Three hours lecture. Analysis of body mechanics; relationship and application or principles or movement to teaching physical education.

**ENGINEERING**

Modify From:	ASE 1501	<b>Design Competition.</b> (3). (Pre/co-requisite: Aerospace Engineering student or permission of instructor). One hour practicum. Students participate in a department-sponsored design competition, contributing to design and fabrication tasks, writing weekly progress reports, contributing to competitive report and giving presentations.
To:	ASE 1501	<b>Design Competition.</b> (3). (Pre/co-requisite: Aerospace Engineering student with MSU GPA 2.5 or greater or permission of instructor). One hour practicum. Students participate in a department-sponsored design competition, contributing to design and fabrication tasks, writing weekly progress reports, contributing to competitive report and giving presentations.  Effective: Spring 09

Add	<p>ECE 4753/6753 <b>Introduction to Robotics.</b> (3). (Prerequisite: Grade of C or better in each of ECE 3724, MA 3113 and MA 3253). Two hours lecture. Two hours laboratory. This course covers mathematical foundations (kinematics and dynamics and hardware implementations actuators and sensors) of modern robots.</p> <p>METHOD OF INSTRUCTION: C DELIVERY: F C.I.P. 14.1001 24-CHAR: Intro to Robotics</p> <p>Effective: Spring 09</p>
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## 2. DEGREE PROPOSALS

### AGRICULTURE AND LIFE SCIENCES

<p>Modify From: Bachelor of Science Major: Animal and Dairy Sciences Concentrations: Production/Business Management Science</p> <p>To: Bachelor of Science Major: Animal and Dairy Sciences Concentrations: Meat Animal Science &amp; Production Dairy Science &amp; Production Equine Science &amp; Production Science/Veterinary Science Option: Pre-Veterinary</p>	<p>Change Concentrations, required courses and elective courses.</p> <p>Effective: Spring 2009</p>
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## 3. AOCE APPROVAL

EN 1103	English Comp I
EN 1113	English Comp II
HI 1213	Early Western World
HI 1223	Modern World History
PHI 1123	Introduction to Ethics
ECE 8813	Information Theory
ME 4133/6133	Mechanical Metallurgy
ME 4333/6333	Energy System Design
ME 4353/6353	Alternate Energy Source
ME 4373/6373	Air Conditioning
ME 4383/6383	Heat Exchange Design
ME 4443/6443	Mechanical System Design
ME 4463/6463	Engineering Design
ME 4543/6543	Combustion Engine
ME 4623/6623	Control Systems

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ME 4823/6823	Compressible Flow & Turbomachinery
ME 4833/6833	Intermediate Fluid Mechanics
ME 8213	Engineering Analysis I
ME 8243	Finite Elements in Mechanical Engineering
ME 8333	Convective Heat Transfer
ME 8343	Two Phase Flow & Heat Transfer
ME 8813	Viscous Flow I
ME 8823	Viscous Flow II

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

Proposals\*\*

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

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Date