UCF Graduate Council

CURRICULUM COMMITTEE MINUTES

Minutes of September 19, 2007 meeting

Members Present	Patricia Bishop, Deborah Breiter, Tosha Dupras, Art Weeks
Recorder	Rhonda Nelson
Guests Present	Max Poole, Satyender Goel, Arvi Kar, Stanley Ramos
Files	2007-09-19 Course Action Minutes

Handouts: Minutes from September 11, courses and special topics.

Welcome and call to order. The meeting was called to order at 1:35 p.m. by Stephen Goodman, chair. Welcome and introductions followed. Dr. Goodman welcomed the new student representative for the Curriculum Subcommittee, Saytender Goel, UCF Chemistry Graduate Student, and also Advisory Board Member. Additional guests introduced were Arvi Kar, Creol, and Stanley Ramos, Social Work.

Approval of minutes. The minutes of the meeting held on September 11 were approved with no changes.

Courses and special topics. A handout was distributed on the list of courses and special topics being reviewed.

Dr. Kar gave a brief justification on the EMA 6XXX Optoelectronic Materials Processing course. This course was approved.

The two CET 6XXX courses from Engineering Technology were continued to be tabled. These will be reviewed when the Digital Forensics proposal comes forward.

Course MAN 6448 was tabled pending a question on the variable credit hours. Dr. Goodman will get clarification from the department on this.

The CAH courses with the materials and supplies fee requests will be tabled until February when all fees are reviewed.

The four PHT courses were approved pending clarification on several of the descriptions. Graduate Studies will check with the department for clarification on these.

The two PHT Applied Human Physiology courses were withdrawn pending title and prerequisite approval from the college.

The six EDH 7XXX courses for the Higher Ed Track were tabled and will go forward when the revisions for the track are reviewed.

Announcements and adjournment. Dr. Bishop shared that the Graduate Polices and Procedures for New Programs guidelines will be placed on the agenda of the Board of Trustees September 20 meeting as an informational item. A copy of these procedures will be shared with this subcommittee. Dr. Bishop also shared that the Faculty Senate will be revising the constitution this year and that there will be an opportunity to suggest revisions to the Graduate Council. Any suggestions or comments regarding Graduate Council revisions should be directed to Aaron Liberman, chair of the Graduate Council Committee. The meeting was adjourned at 2:25 p.m.

Next meeting. Next meeting is scheduled for October 2, 12:30 p.m., in MH 243.

COURSES AND SPECIAL TOPICS APPROVED ON 9-19-2007

Engineering & Computer Science Special Topics

CES 6938 Sect 01 ECS-Civil & Environmental 3(3,0)
ST: Structural Reliability: PR: STA 3032 and (CES 4100C or CCE 4003 or EML 4220 or EAS 4210) or C.I. Application of probability theory to classical and computational reliability methods for civil systems. Topics in component and system reliability, simulation, bounds, sensitivity, and model updating.
30 character abbreviation: **ST: Structural Reliability**

College of Education Special Topics

PET 6938 Sect 01 ED-Child, Family & Comm Sci 3(3,0)
ST: Historical Aspects of Sport and Physical Education: PR: Graduate standing or C.I. This course examines the development of sport and physical education from historic to modern times. The focus will be on U.S. sport development following 1865.
30 character abbreviation: **ST: Histry of Sport and PhysEd**

Engineering & Computer Science Course Action Additions

EMA 6XXXC ECS-Mechanical/Matrls/Aerosp 3(2,2)
Optoelectronic Materials Processing: PR: EMA 5317, Graduate Standing or C.I. Techniques for materials preparation, doping, metallization, effect of materials properties on device (e.g., solar cells, lasers and transistors) performances, electronic and optical characterization of device materials.
30 character abbreviation: **Optoelect Materials Processing**

Health & Public Affairs Course Action Additions

SOW 6XXX HPA-Social Work 3(3,0)
Human Sexuality in Social Work Practice: PR: Admission to Master of Social Work program, Graduate Certificate in Gender Studies or CI. Study of human sexuality with emphasis on assessment and intervention skills for social workers with clients experiencing problems involving sexual issues.
30 character abbreviation: **Human Sexuality in SW Prac**

College of Business Adm Course Action Deletions

ECO 5006 BA-Economics 1.5(1.5,0)
Economic Foundations: PR: Acceptance to Graduate Study. Introduction to Micro and Macro Economic Analysis.

ECO 5414 BA-Economics 1.5(1.5,0)

Statistical Foundations: PR: Acceptance to Graduate Study. Statistical theory and problems relating to business and economics, including time series and correlation theory, index number theory and statistical inference.

Health & Public Affairs Course Action Deletions

PAF 7982 HPA-College-HPA 3(3,0)
Dissertation Seminar in Public Affairs: PR: Admission to Ph.D. Program or C.I. To provide guidance during the initial stages of dissertation preparation.

Engineering & Computer Science Course Action Revisions

CAP 6701 ~~Computer Graphic Systems II~~ 3(3,0)
Real-time Realistic Rendering
PR: CAP ~~5725.~~ 4720 or CAP 5725.
~~Modeling design and analysis of graphics systems; data structures, numerical techniques, algorithms, and optimum seeking methods for various problems in computer graphics.~~
GPU Programming; State-of-the-art algorithms for: Real-time rendering of a lighting effects and realistic materials; Real-time volume rendering; real-time simulation and rendering of smoke.
30 character abbreviation: **Real-time Realistic Rendering**

~~CAP 5417~~ Algorithms on Strings and Sequences 3(3,0)
CAP 6XXX
PR: COT ~~3100C~~ 5405 or C.I.
~~Exact and approximate pattern matching. k-mismatch problem, suffix tree, generalized suffix tree, sequence similarity, sequence alignment, multiple sequence alignment, dynamic programming methods, bioinformatics applications.~~
Study of algorithms for exact and approximate string pattern matching, sequence alignment and multiple string alignment.

Health & Public Affairs Course Action Revisions

~~PHT 5115~~ ~~Gross Anatomy/Neuroscience I~~ ~~2(2,0)~~
PHT 6XXX Gross Anatomy/Neuroscience I Lecture 3 (3,0)
PR: Admission to ~~PT program.~~ DPT program.
~~morphology emphasizing the back, spinal cord, cranial nerves, and~~ Detailed in-depth study of human ~~extremities. Regional cadaver dissection.~~ Gross Anatomy emphasizing upper and lower Extremity Musculoskeletal, Peripheral Vascular and Nervous systems, Thoracic and Abdominopelvic cavities for entry-level DPT student.
30 character abbreviation: **Gross Anatomy/Neuroscience I__**

~~PHT 5118~~ ~~Gross Anatomy/Neuroscience II~~ ~~2(2,0)~~
PHT 6XXX Gross Anatomy/Neuroscience II Lecture 3(3,0)

PR: PR Gross Anatomy/Neuroscience ~~I and Lab;~~ I; CR Gross Anatomy Neuroscience II Lab.
~~In-depth study of human morphology emphasizing the brain, the cervical spine, pelvis, and the internal organs.~~
Provides students with an understanding/insight into anatomy and physiology of the nervous system. Allows students to apply developing knowledge of improved treatment strategies for patients with neurological problems.
30 character abbreviation: **Gross Anatomy/Neuroscience II_**

~~**PHT 5115L**~~ **Gross Anatomy/Neuroscience I Lab** ~~**2(0,4)**~~
PHT 6XXXL **3(0,6)**
PR: Admission to PT program.
~~Human cadaver dissection of the back, spinal cord, cranial nerves, and upper and lower extremities.~~
Detailed, "in-depth" study of human cadaveric anatomy with emphasis on dissection of upper and lower extremities, musculoskeletal, peripheral vascular and nervous system, thoracic and abdominopelvic cavities.
Materials & Supply Fee: $45.00 (current fee)

~~**PHT 5118L**~~ **Gross Anatomy/Neuroscience II Lab** ~~**2(0,4)**~~
PHT 6XXXL **3(0,6)**
PR: Gross Anatomy Neuroscience I and Lab; CR Gross Anatomy Neuroscience II.
~~Directed Laboratory experiences with cadaver dissection; use of the skeleton, models, and computer programs to facilitate learning.~~
Provides three-dimensional anatomical knowledge of the nervous system. Allows students the ability to apply developing knowledge of improved treatment strategies for patients with neurological problems.
Materials & Supply Fee: $45.00 (current fee)