

Graduate Council Curriculum Subcommittee
September 19, 2007
1:30 p.m., 327 MH

Agenda

1. Welcome and call to order
2. Approval of minutes from September 11, 2007
3. Courses and special topics
4. Announcements and adjournment
5. Next meeting: October 2, 2007, 12:30 p.m., MH 243

Graduate Council Curriculum Subcommittee

Course Agenda 9-19-2007

This is a revised agenda (sent on 9/17/07)

Special Topics Additions

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: 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

Tabled last year – waiting for Engineering Technology proposal

CET 6XXX ECS-Engineering Technology 3(3,0)

Incident Response Technologies: PR: CGS 5131 or C.I. This course covers security incidents and intrusions. Topics include : identifying and categorizing incidents; responding to incidents; log analysis; network traffic analysis; and tools

30 character abbreviation: **Incident Response Technologies**

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Tabled last year – waiting for Engineering Technology proposal

CET 6XXX ECS-Engineering Technology 3(3,0)

Operation Systems and File System Forensics: PR: CGS 5131 or C.I. In-depth coverage of computer forensics-related issues associated with multiple operating systems, multiple file systems, and applications.

30 character abbreviation: **Operation Sys & File Sys Foren**

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EMA 6XXX ECS-Mechanical/Matrls/Aersp 3(3,0)

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**

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College of Education Course Action Additions

The following 6 courses go with the Higher Ed Track, Ph.D. in Education

EDH 7XXX ED-Ed Research, Tech & Lead 3(3,0)

Advance Seminar in Student Personnel: PR: Advanced graduate status or C.I. Analyzing the concept of leadership in student development using cultural, ethical, sociological, and historical perspectives.

30 character abbreviation: **Advance Sem in Student Personn**

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EDH 7XXX ED-Ed Research, Tech & Lead 3(3,0)

Assessment Practices in Student Personnel: PR: Advanced graduate status or C.I. Designed to provide understanding and skills to create/conduct effective assessment programs for activities and services offered by student services.

30 character abbreviation: **Assess Pract in Stud Personn**

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EDH 7XXX ED-Ed Research, Tech & Lead 4(4,0)

Educational Personnel/Contract Negotiation in Higher Education: PR: Advanced graduate status or C.I. Examination in higher education settings of the personnel function in institutions including planning, recruitment, selection, placement, induction, collective bargaining, and contract administration.

30 character abbreviation: **Educ Personn Contract Negot Hi**

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EDH 7XXX ED-Ed Research, Tech & Lead 4(4,0)

Politics/Governance/Finance Higher Education: PR: Advanced graduate status or C.I. The study of policy developmental process; governance issues; and financial issues in higher education.

30 character abbreviation: **Pol Govern Finance Higher Educ**

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EDH 7XXX ED-Ed Research, Tech & Lead 3(3,0)

Seminar in Community College Administration: PR: Advanced graduate status or C.I. Explores the two-year college--its past, present, and future. Examines history, operations, funding, internal constituents, curricular mission, societal role, and current issues.

30 character abbreviation: **Seminar in CC Administration**

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EDH 7XXX ED-Ed Research, Tech & Lead 3(3,0)

Supervision/Consultation Processes in Student Affairs: PR: Advanced graduate status or C.I. Examination of the many aspects of consultation, supervision, and organizational development in student personnel.

30 character abbreviation: **Superv Consult Proc in Stud Af**

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ART 6699 Concourse II 3(3,0)
PR: ART 5698.
Continuation of Concourse I. Digital work used to create group web exhibit and interactive portfolio.
Materials & Supply Fee addition proposed: \$52.95

ART 6911 Studio Concentration II 3(3,0)
PR: Admission to MFA and ART 5910.
Continuation of Concentration I. The principle class for studio work production. May be used in the degree program a maximum of 2 times.
Materials & Supply Fee addition proposed: \$52.95

TPP 6216C Theatre for Young Audiences Tour 3(3,6)
PR: Admission to Theatre graduate program or C.I.
Performance, administration and technical work on a touring production for young audiences.
Materials & Supply Fee addition proposed: \$45.00

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 ~~3400~~ 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.

Health & Public Affairs Course Action Revisions

~~PHT 5115 Gross Anatomy/Neuroscience I 2(2,0)~~
PHT 6XXX **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.

~~PHT 5118 Gross Anatomy/Neuroscience II 2(2,0)~~

