


UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of March 18, 2010 meeting

Members Present	Patricia Bishop, Deborah Breiter, Amit Joshi, Naim Kapucu, Eduardo Mucciolo, Joyce Nutta, Tison Pugh, Sergio Tarfur, James Turkson
Recorder	Rhonda Nelson
Guests Present	Diane Wink for Jean Kijek, Linda Sullivan, Scott Waring
Files	2010-03-18 Course Action Request Minutes 

Welcome and call to order. The meeting was called to order at 12:00 p.m. by Joyce Nutta, chair. A quorum was established. The minutes of the March 4 meeting were approved. The committee discussed sending out the minutes to the graduate faculty and staff quicker. It was agreed that a shortened set of minutes would be sent to everyone that included the decision made for each agenda item along with a list of courses approved or tabled. Once final approval was received, the minutes would then be posted to the website.

Revisions to the Juvenile Justice Leadership certificate, COHPA. Dr. Stephen Holmes was present to address these revisions. They requested a new category of restricted electives with students choosing one course from the restricted electives and one from the list of general electives. Dr. Poole suggested that the restricted electives be combined with the required courses by listing them as SOW 6655 or SYP 6561. Dr. Holmes was in agreement with this change. These revisions were approved.

Reactivation of the MFA Theatre for Young Audience track, CAH. Dr. Christopher Niess was present to share a handout and give a summary of the reactivation. As a result of the re-assignment of faculty loads in the department, they are requesting to reactive this track beginning fall 2010. This reactivation will allow the department to continue the MFA program and enhance the existing MA program in Theatre. Dr. Poole requested that catalog copy be sent to Graduate Studies. This reactivation was approved.

Addition of a Professional Engineering Management (PEM) track, MS Industrial Engineering, CECS. Dr. Bishop gave a summary of this track addition. She shared that the department recently developed a lockstep, cohort-based offering of their Engineering Management track based on input from prominent companies and governmental agencies in central Florida. Questions were raised on how this program would be supervised and how students would be admitted. Dr. Bishop pointed out that it would be supervised by a faculty member and students would have to complete applications and follow the application guidelines like all students. There is no GRE or thesis required. The program will be offered through the Continuing Education tuition model. Dr. Poole indicated that a paragraph be added in the description to clarify how it will be offered and the target audience. This track was approved.

Revisions to the Engineering Management track, MS Industrial Engineering, CECS. Discussion was held on this track. The committee requested that the professional content be better defined with a corrected catalog copy submitted. The committee then voted to table this until the next meeting and asked that a representative attend to give a summary of the changes and answer questions.

Track additions to the Master of Social Work, COHPA. Estelli Ramos was present to give a summary of the changes to this program. They are developing multiple tracks to make designations among the populations but the curriculum will be the same. Discussion was held on advanced students versus regular students. The committee then asked for catalog copy to be sent for each track. Dr. Poole indicated that Professor Ramos review the MBA program catalog copy as their tracks are set up similar to this. These track additions were approved.

Temporary suspension of Aging Studies certificate, COHPA. Estelli Ramos gave a summary of the suspension of this certificate. They have had low enrollments and want to temporarily suspend. They may bring this back when the market changes. Dr. Bishop pointed out that it could be suspended for three years only. No students are currently in the program. This suspension was approved.

Addition of a Health Care Informatics certificate, COHPA. Drs. Kendall Cortelyou-Ward and Aaron Liberman were present to give a summary of this certificate. This program will be run through the Regional Campus, Continuing Education, and COHPA in the tuition plus fees model. The program is completely online and students come to campus once a semester for orientation. Dr. Poole asked that catalog copy be sent to Graduate Studies. This certificate was approved.

Courses and special topics. The courses and special topics were reviewed. For a complete list of courses approved, review the attachment listed at the top of this page.

Announcements and adjournment. The meeting was adjourned at 12:40 p.m.

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Graduate Council Curriculum Committee **Course Minutes for 03-18-2010**

All courses were approved unless otherwise noted. Any notation refers to the course directly below the notation.

Engineering & Computer Science Special Topics

EIN 6938 Sect 01 ECS-Industrial & Management 3(3,0)

ST: Human Reliability: PR: ESI 5219. Methods for analysis and quantification of human performance; human error probability; applications to design and analysis of new and redesign of existing aviation, industrial, management, and power generation systems. *Occasional.*

30 character abbreviation: **ST: Human Reliability**

AGENDA NOTES: Course Addition also being proposed.

EAS 5937 Sect 01 ECS-Mechanical/Matrls/Aerosp 3(3,0)

ST: Aeroelasticity: PR: EAS 3101 or EML 3701, and EAS 4210 or EML 4220. Concerned with the consequences and trade-offs created by interactions between aerodynamic forces and structural deformation. Static aeroelastic problems; control effectiveness; lift effectiveness; divergence. Dynamic aeroelasticity; flutter and vibration. *Occasional.*

30 character abbreviation: **ST: Aeroelasticity**

Engineering & Computer Science Course Action Additions

CAP 6XXX ECS-Computer Science 3(3,0)

Algorithms in Computational Biology: PR: COT 5405 or CAP 5510. This course will concentrate on algorithmic problems in computational biology. *Fall.*

30 character abbreviation: **Algorithms in Comp Biology**

CAP 6XXX ECS-Computer Science 3(3,0)

Computational Genomics: PR: CAP 5510. This course will summarize computational techniques for comparing and analyzing genomics; (DNA) sequences. *Spring.*

30 character abbreviation: **Computational Genomics**

EIN 6XXX ECS-Industrial & Management 3(3,0)

Human Reliability: PR: ESI 5219. Methods for analysis and quantification of human performance; human error probability; applications to design and analysis of new and redesign of existing aviation, industrial, management, and power generation systems. *Even Fall.*

30 character abbreviation: **Human Reliability**

AGENDA NOTES: Special Topic also being proposed.

College of Education Special Topics

Tabled. Clarification needed on course description.

EDH 6938 Sect 01 ED-Ed Research, Tech & Lead 1(1,0)

ST: On Course: Steering Students Toward Success: PR: C.I. Provides faculty with strategies, tactics, and tools to improve interactivity to distance learning. *Occasional.*

30 character abbreviation: **ST: Steering Stud To Success**

AGENDA NOTES: Course Addition also being proposed.

College of Education Course Action Additions

Tabled. Clarification needed on course description.

EDH 6_____ ED-Ed Research, Tech & Lead 1(1,0)

On Course: Steering Students Toward Success: PR: C.I. Provides faculty with strategies, tactics, and tools to improve interactivity to distance learning. *Even Fall.*

30 character abbreviation: **Steering Stud To Success**

AGENDA NOTES: Special Topic also being proposed.

Tabled. Clarification needed on course description.

EME 6XXX ED-Ed Research, Tech & Lead 1(1,0)

Course Design for Hybrid and Online: PR: Angel Instructor Training (AIT) and CI. Participants will master techniques and best practices for hybrid course development and delivery using tools and methods to foster optimal learner engagement and achievement. *Even Spring.*

30 character abbreviation: **Course Dsgn Hybrid & Online**

College of Sciences Course Action Revisions

COM 6303 ~~Communication Research I~~ 3(3,0)

Qualitative Research Methods in Interpersonal Communication

PR: Admission to Communication MA or program consent.

Analysis of theory and methodology in communication research, with emphasis on persuasion, nonverbal communication, and interpersonal communication.

Examination of qualitative research methods in interpersonal communication, with emphasis on collecting and analyzing ethnographic data.

30 character abbreviation: **Interpersonal Qual Research**

COM 6304 ~~Communication Research II~~ 3(3,0)

Quantitative Research Methods in Interpersonal Communication

PR: Statistics and COM 6303. PR: Admission to Communication MA or program consent.

Planning and implementation of research in persuasion, nonverbal communication, and interpersonal communication.

Examination of quantitative methods in interpersonal communication. Topics include experimental research design, sampling procedures, and introduction to data analysis.

30 character abbreviation: **Interpersonal Quan Research**

MMC 6445 ~~Mass Media Research I~~ 3(3,0)

Quantitative Research Methods in Mass Communication

PR: Admission to Communication MA or program consent.

Quantitative approaches to mass communication research.

Examination of quantitative methods in mass communication. Topics include experimental research design, sampling procedures, and introduction to data analysis.

30 character abbreviation: **Mass Comm Quan Research**

MMC 6446 ~~Mass Media Research II~~ **3(3,0)**

Qualitative Research Methods in Mass Communication

PR: Admission to Communication M.A. or program consent.

~~Qualitative approaches to mass communication research.~~

Examination of qualitative research methods in mass communication with emphasis on interviewing, observational methods, and data interpretation.

30 character abbreviation: **Mass Comm Qual Research**

Tabled. Committee requesting a 3000 level prerequisite course, possibly a Calculus course. Dr. Li suggests adding MAS 3105 Matrix and Linear Algebra.

MAT 5711 **Scientific Computing** **3(3,0)**

~~PR: MAC 2313, MAP 2302, graduate status or senior standing, 2302, MAS 3105, or C.I.~~

~~Basic programming skills using Mathematica, Maple, Matlab, or Java in solving basic scientific computing problems; preparing students for advanced computational methods and algorithms.~~

Matlab fundamentals, computer arithmetic, nonlinear equations, polynomial interpolation, divided differences, splines, curve fitting, least-squares method, numerical differentiation and Integration.