


UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of September 28, 2011 meeting

Members Present	Patricia Bishop, Tosha Dupras, Charles Kelliher, Max Poole, Kerry Purmensky, Jay Jay Stroup, Terrie Sypolt, Julee Waldrop, Art Weeks
Recorder	Rhonda Nelson
Guests Present	Marty Hopkins for Joyce Nutta, Atsusi Hirumi, Ahmad Elshennawy, Stephanie Krick
Staff Members	N/A
Files	2011-09-28 Course Action Requests Minutes 

Welcome and call to order. The meeting was called to order at 12:00 p.m. by Tosha Dupras, Chair. A quorum was established. The minutes were reviewed and approved.

Revision to Industrial Ergonomics and Safety Certificate. Ahmad Elshennawy presented a summary of the changes to this certificate. The department faculty have requested to reduce the credit hours for this certificate from 15 to 12. This will be in line with other certificates and some courses in the certificate were no longer being offered. The hours for the required courses would change from 15 to 6 with 6 hours now becoming electives. Dr. Elshennawy also mentioned one student that will be graduating in spring may need to do a course substitute. He will forward information on this to Graduate Studies. This revision received unanimous approval from the committee.

Discussion on EME 6XXX Learning, Instructional Design and Cognitive course. Atsusi Hirumi presented information regarding the questions surrounding this course which was tabled at the last meeting. This course is designed for instruction on cognitive neuroscience research related to human learning, memory and emotions. Dr. Hirumi has spent 25 years as an instructional designer and is trained in how to work with content to design training. He indicated that he would like to invite College of Medicine faculty to co-teach this class with him. He also shared that this course was taught as a special topic in the summer using both textbook and videos. This course was approved with no conditions.

Suspension of admissions to the EDS program. A memo was distributed from Paige Borden for further consideration regarding this request. Discussion was held on students being admitted to the track without the program. A question was raised on whether the track and the program both should be suspended. The committee voted to table this request and get additional clarification from Dr. Hynes.

Courses and special topics. The College of Nursing course on Doctoral Scholarship was tabled at the last meeting. Dr. Waldrop shared additional information regarding the name of the course and on repeating the course. She indicated that the credit hours could only be used once in the program. Graduate Studies will check on appropriate wording that should be used in the catalog regarding this. This course received unanimous approval from the committee. The EME 6XXX Cognitive Neurosciences course was approved but the committee noted that it needed a prereq. and asked that Dr. Hirumi be contacted for update. For a complete list of courses approved, review the attached listing.

Announcements and adjournment. The meeting was adjourned at 1:00 p.m.

Graduate Council Curriculum Committee **Course Minutes for 09-28-2011**

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

Engineering & Computer Science Special Topics

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

ST: Design for Manufacturing: Gas/Steam/Wind Turbines & Generators: PR: STA 3032, EGN 3365 or EMA 3706, EML 3500. Overall assembly of rotating and stationary components in power generation powertrains; probabilistic design; materials, coatings, manufacturing steps, defects for gas/steam/wind turbines and generators. *Occasional*.

18 of 30 character abbreviation: **ST: TurboM/C Manuf**

Rationale: This course was proposed under the New Florida (Cluster) program. Primary intention is to provide additional academic training to NASA KSC and associated engineers with BSME or BSAE background and years of field experience so they can be a valuable employee for Florida Turbine/Energy industry cluster.

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

ST: TurboMachinery Design for Mechanical/Dynamic Integrity and Reliability: PR: EGM 3601, EGN 3343, EGN 3365 or EMA 3706. EML 4220. Mechanical and dynamic integrity issues such as creep, fatigue, fracture, trade-off in design, vibration, flutter, as applied to turbines and generators; reliability; cost time performance trade-off in design. *Occasional*.

30 of 30 character abbreviation: **ST: TurboM/C Integrity and Rel**

Rationale: This course was proposed under the New Florida (Cluster) program. Primary intention is to provide additional academic training to NASA KSC and associated engineers with BSME or BSAE background and years of field experience so they can be valuable employee for Florida Turbine/Energy industry cluster.

Health & Public Affairs Special Topics

PAD 5937 Sect 01 HPA-Public Administration 3(3,0)

ST: Philanthropy, Fundraising & Social Entrepreneurship: PR: Graduate standing or C.I. History of philanthropy, principles of fundraising, role of professional fundraiser and emerging strategy of social entrepreneurship. *Occasional*.

30 of 30 character abbreviation: **ST: Philnthrpy & Soc Entrprneur**

Rationale: Unique partnership opportunity with the Community Foundation of Central Florida that allows students to allocate actual dollars to nonprofit organizations with the intent of addressing a social problem in the Central Florida area.

Discussion with others: No duplication or conflicts with other departments/colleges.

College of Nursing Course Action Additions

NGR 7XXX CON-Nursing 3(3,0)

Doctoral Scholarship: PR: Admission to the Ph.D. track or C.I. An introduction to doctoral scholarship in support of beginning a program of research. Includes Responsible Conduct of Science and research ethics consideration. May be used in the degree program a maximum of 2 times. *Fall, Spring.*

30 character abbreviation: **Doctoral Scholarship**

Rationale: New course

Discussion with others: N/A

College of Education Course Action Additions

EME 6XXX ED-Educational & Human Sci 3(3,0)

Learning, Instructional Design, and Cognitive Neuroscience: PR: **C.I. for students not in IDT program.** The course examines the application of cognitive neuroscience research and physiological explanations of human learning and for designing training and educational systems. May be used in the degree program a maximum of 2 times. *Occasional.*

21 of 30 character abbreviation: **Lrng, ID, & Cog Neuro**

Discussion with others: UCF faculty from the Psychology department (Drs. Dipboye, Hancock, Jentsch, and Salas), the College of Medicine (Drs. Cendan, Lambert, Phanstiel, German, and Hewlings), and the Institute for Simulation and Training (Drs. Fiore, Hughes, Kincaid, Andrews, and Jaganathan) along with Co-Directors of the School of Teaching, Learning, and Leadership (Drs. Biraimah and Hynes) and the Chairs of the Education and Human Sciences department (Dr. Grant Hayes) and Child, Family and Community Sciences (Dr. Ann Culp) in the College of Education, were sent a copy of the proposed course syllabus and asked if they (a) knew of any courses taught in their respective areas that focused the application of neuroscience research for learning and instructional design, (b) thought it would be good for our College and department to do so, and (c) had any recommended revisions or suggestions for the course. Several responded very positively noting the need for and supporting our plan to offer a course on the implications of neuroscience research for learning and instructional design. No one expressed any objections or identified a course similar in nature across UCF.

Health & Public Affairs Course Action Additions

Approved. A question was raised on where this course would be used and if would be counted in the program hours.

HSA 5XXX HPA-Health Mangt & Informatic 3(3,0)

Foundations of Health Care Economics: PR: Admission to HSA graduate program or C.I. Preparatory course for graduate students who are not prepared to take the required health care economics course. *Fall.*

28 of 30 character abbreviation: **Foundn Health Care Economics**

Rationale: Course is currently offered as a Special Topics. The course will be permanently offered every fall semester to students who do not pass the associated Assessment upon entering the program.

Discussion with others: No duplication with other departments/colleges.

Effect on majors: Health Services Administration

