

# UCF Graduate Council

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## CURRICULUM COMMITTEE MINUTES

### Minutes of February 06, 2012 meeting

**Members Present** Deborah Breiter, Naim Kapucu, Charles Kelliher, Joyce Nutta, Max Poole, Kerry Purmensky, Jay Jay Stroup, Art Weeks, Boris Zeldovich

**Recorder** Rhonda Nelson

**Guests Present** Bob Hoffman, Linda Sullivan

**Files** [2012-02-06 Meeting Course Action Requests minutes](#) 

**Welcome and call to order.** The meeting was called to order at 12:00 p.m. by Joyce Nutta, who substituted as chair. A quorum was established. The minutes were reviewed and approved.

**Revisions to the Applied Learning & Instruction MA program, CED.** Bob Hoffman presented a summary of the changes to the program. For the nonthesis option, the 3 hour independent study, EDF 6918 Directed Research, will be replaced by the 3 credit hour course, EDP 6XXX: Capstone in Applied Learning and Instruction with variable credit. He reported that about 80% of the students will take this option. This change received unanimous approval.

1. **Inactivation of the MSME Computer-Aided Mechanical Engineering track, CECS**
2. **Inactivation of the MSME Miniature Engineering Systems track, CECS**
3. **Inactivation of the MSME Professional track, CECS**
4. **Inactivation of the HVAC Engineering Certificate, CECS**
5. **Inactivation of the CAD/CAM Technology Certificate, CECS**
6. **Revisions to the MS in Aerospace Engineering, CECS**
7. **Revisions to the MS Mechanical Engineering Mechanical Systems track, CECS**

Items 1-7 were tabled as committee requested that a representative attend from the program to give a brief summary of the changes and answer questions from the committee.

**Review of Graduate Courses Not Offered for 5 years.** This item was tabled until the next meeting.

**Courses and special topics.** 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 02-06-2012**

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

### **Engineering & Computer Science Course Action Deletions**

**Tabled. Waiting for clarification on program changes.**

**EML 5605 ECS-Mechanical/Matrls/Aerosp 3(3,0)**

**Applied HVAC Engineering:** PR: EML 5606; CR: EML 4142. Applications of HVAC systems design with the objective of optimizing energy efficiency, humidity control, ventilation and indoor air quality. *Spring.*

Rationale: Split level no longer requested by MMAE department.

Effect on majors: -----1/18/2012: This course is not used as a prerequisite.

**Tabled. Waiting for clarification on program changes.**

**EML 5606 ECS-Mechanical/Matrls/Aerosp 3(3,0)**

**HVAC Systems Engineering:** PR: EGN 3343; CR: (EML 3701 or EAS 3101), and EML 3101. Heating, ventilation, air conditioning and refrigeration principles, system design and analysis. *Fall.*

Rationale: Split level option no longer requested by MMAE.

Effect on majors: -----1/18/2012: This course is a prerequisite for the following course, which will need a course action revision form; EML 5605

### **College of Education Course Action Additions**

**EDP 6XXX ED-Teach, Learn & Leadership 1-6(1-6-0)**

**Capstone in Applied Learning & Instruction:** PR: EDP 6213, EDP 6217, EDF 6216, or C.I. Students use critical thinking and written communication skills to integrate and apply material learned in courses in learning, instruction, and motivation. Graded S/U. Variable credit, 1-6. May be used in the degree program a maximum of 2 times. *Fall, Spring.*

27 of 30 character abbreviation: **Capstone in Ap Learn & Inst**

Rationale: Currently, completion of the requirement has been done by the program coordinator voluntarily supervising students as EDF 6918 Directed Research. Program volume necessitates the course be offered as a formal course, EDP 6XXX, which would replace EDF 6918. The new course would meet the same requirements as the previous course but allow more time with students to address the application of program content collectively and within individual directed research projects.

Discussion with others: There is no overlap with any other program as this course is exclusive to the ALIMA program.

Effect on majors: Applied Learning and Instruction MA

### **Health & Public Affairs Course Action Additions**

**SOW 6XXX HPA-Social Work 3(3,0)**

**Core Concepts of Child and Adolescent Trauma:** PR: Graduate status or C.I. Trauma informed concepts applied to practice with children and adolescents. *Fall, Spring.*

30 of 30 character abbreviation: **Core Cncpts Child &Adol Trauma**

Rationale: Participating in national faculty learning collaborative sponsored by Fordham University and the National Center for Social Work Trauma Education and Workforce Development to train faculty on courses that focus on trauma informed practice. Two key conceptual frameworks provide the overarching organization principles: 1) the Trauma paradigm and 2) Problem-based learning.

Effect on majors: Social Work, Childhood Education, Sociology, Psychology

### **Engineering & Computer Science Course Action Revisions**

**CAP 5512 Evolutionary Computation 3(3,0)**

PR: CAP 4630 or ~~C.I.~~ COP 3503C or C.I.

This course covers the field of evolutionary computation, focusing on the theory and application of genetic algorithms.

**Tabled. Bring back as a new course instead of revision.**

~~**CDA 5532 Network-Centric Computing 3(3,0)**~~

**COP 6XXX Cloud Computing**

~~PR: Graduate standing.~~ PR: CDA 5106 or CDA 5215 or C.I.

~~Concepts in network-centric computing and process coordination in information grids.~~

This class introduces cloud computing, infrastructure, applications, architecture, resources management, security, cloud storage systems and networks for computer clouds.

30 character abbreviation: **Cloud Computing**

### **Health & Public Affairs Course Action Revisions**

**SPA 6327 Aural Habilitation/Rehabilitation 3(3,0)**

PR: SPA 6204, SPA 6402. PR: Admission to Communication Sciences and Disorders master's program or C.I.

Principles and procedures involved in speech and language acquisition, management, utilization of residual hearing, speech reading, and the use of hearing aids.

**PAD 6207 Public Financial Management 3(3,0)**

~~PR: Admission to Master of Public Administration or Master of Nonprofit Management~~ PR: PAD 6227 and PAD 6700 or C.I.

Survey of financial management functions in local government, such as accounting, fund structures, debt and case management, and financial reporting.

Rationale: Adding prereq of PAD 6227: Completing PAD 6227, Public Budgeting, will improve the student's understanding of financial management in the public sector and lead to greater success in completing the course PAD 6207, Financial Management.

**PAD 6227 Public Budgeting 3(3,0)**

~~PR: Graduate standing or C.I.~~ PR: PAD 6700 or C.I.

Budgets as planning programming documents, stressing the relationships of policy and budgetary decisions, problems in grantsmanship and revenue decision making, program budgeting, PPBS, and incrementalism.

Rationale: To ensure that MPA students have correct knowledge of research methods earlier in the program for successful course completion.

Effect on majors: MPA

**PAD 6335 Strategic Planning and Management 3(3,0)**

~~PR: Admission to any degree or certificate program offered by the Department of Public Administration or C.I.~~ PR: PAD 6700 or C.I.

An examination and analysis of planning, goal setting, and strategic management in public sector organizations.

Rationale: To ensure that MPA students have correct knowledge of research methods earlier in the program for successful course completion.

Effect on majors: MPA

**PAD 6417 Human Resource Management 3(3,0)**

~~PR: Admission to any degree or certificate by Public Administration or Criminal Justice certificate or C.I.~~ PR: PAD 6700 or C.I.

Administrator as manager and motivator of public employees with particular emphasis on organizational behavior and contemporary public service legislation.

Rationale: To ensure that MPA students have correct knowledge of research methods earlier in the program for successful course completion.

Effect on majors: MPA

**PAD 6700 ~~Analytic Techniques for Public Administration I~~ 3(3,0)  
Research Methods in Public Administration**

PR: Admission to MPA program or C.I.

Statistical methodology and use of computers as a tool for decision making in the public sector.

22 of 30 character abbreviation: **Research Methods in PA**

Rationale: The changes of the name will help students identify the distinction between the two courses. PAD 6700 Research Methods in Public Administration (Currently Analytic techniques for Public Administration I) focuses on research methods and application to public policy and administration. PAD 6701 Analytic Techniques for Public Administration II focuses on quantitative and statistical methods in public policy and administration. Students are trying to keep both courses toward the end of their Masters of Public Administration (MPA) degree. We made the method course as prerequisite to additional three courses to make sure they take it as early in the program as possible. This name change and adding the method course as prerequisite will help them design their coursework accordingly and benefit from the method course earlier in the degree program. Research methods course will cover graduate level writing and academic integrity modules as well. We hope that this change will help our student in their major assignments for other courses in the program. The proposed change will impact students positively.

Effect on majors: MPA