

UCF Graduate Council

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CURRICULUM COMMITTEE MINUTES

Minutes of September 21, 2011 meeting

Members Present

Patricia Bishop, Youngsoo Choi, Tosha Dupras, Cristina Fernandez-Valle, Naim Kapucu, Charles Kelliher, Joyce Nutta, Max Poole, Kerry Purmensky, Jay Jay Stroup, Terrie Sypolt, Julee Waldrop, Art Weeks, Boris Zeldovich

Recorder

Rhonda Nelson

Guests Present

Richard Pepler, Linda Sullivan

Files

[2011-09-21 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. Introductions from the committee members followed. Dr. Dupras gave an overview of the responsibilities of this committee. Dr. Bishop also shared some oversight on the committee responsibilities. Rhonda gave an overview of the Graduate Council website and shared that all agenda items and minutes will be posted to the site before and after each meeting. A handout was distributed on the meeting dates. The committee discussed proxy voting. Discussion was held on the possibility of having another graduate faculty (from their college) attend and vote in their place or if proxy could be given to another member on this committee. Discussion was held on this. The committee voted against proxy voting with one abstention vote.

Addition of an MSN Adult/Gerontology Clinical Nurse Specialist track. Julee Waldrop gave a summary of this new track. She indicated that this would be a master's along the way track. The master's is a requirement for certification. A question was raised regarding whether this track should be listed under the DNP program or the MSN program. It was noted that there was already a track under the DNP with this same name. A question was also raised on whether the name of the track should be changed for better clarification. This committee voted to table this track. The placement of the track and the name will be discussed at an upcoming meeting.

Addition of an MSN Adult/Gerontology Nurse Practitioner track. Julee Waldrop gave a summary of this new track. She indicated that this would be a master's along the way track. The master's is a requirement for certification. A question was raised regarding whether this track should be listed under the DNP program or the MSN program. It was noted that there was already a track under the DNP with this same name. A question was also raised on whether the name of the track should be changed for better clarification. This committee voted to table this track. The placement of the track and the name will be discussed at an upcoming meeting.

Courses and special topics. Richard Pepler presented an overview of all of the COM courses on the agenda. He shared that the MD program was a 4 year curriculum program taken in a lockstep fashion. He also indicated that they would be developing a catalog for their courses. A handout was distributed on the curriculum that summarized the timeline for the courses and when they would be taught. A question was raised on the courses that had two different credit hours. It appeared that these may need to be set up as variable credit hours. Dr. Pepler provided clarification and indicated that additional follow up would come from the COM Registrar so that these courses could be entered into the system appropriately. It was also pointed out that there were some course descriptions with abbreviations and a few other minor corrections that would be corrected for clarification. The COM courses were approved with changes as requested. A question was raised on the CON Doctoral Scholarship course and why it was called a scholarship and whether that should be changed for clarification. The College of Medicine had some questions regarding the EME Education course, Learning, Instruc. Design, & Cog Neuroscience. Some of their staff had not reviewed the syllabus. They suggested it may be good to have someone from CED attend one of the next meetings to answer questions from the committee. The committee agreed to table the course until the next meeting and invite Atsusi Hirumi to provide clarification on this course. The BCC course was also tabled. The committee asked for clarification on why the credit hours were increased. For a complete list of courses approved, review the attached listing.

Announcements and adjournment. The meeting was adjourned at 1:15 p.m.

Graduate Council Curriculum Committee **Course Minutes for 09-21-2011**

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

College of Medicine Course Action Additions

BCC 7114 **COM-Medicine 6(6,0)**

Core Clerkship in Emergency Medicine: PR: Successful completion of M3 clerkships. Four week core clerkship introduces the student to initial evaluation and workup as well as diagnostic ordering and treatment of patients presenting to the emergency department. *Fall, Spring.*

18 of 30 character abbreviation: **Emergency Medicine**

MEL 8251 **COM-Medicine 6(6,0)**

Acting Internship in Family Medicine: PR: Successful completion of M3 clerkships. This four week experience will provide advanced clinical training in the care of patients of all ages in the hospital and clinic settings. *Fall, Spring.*

18 of 30 character abbreviation: **Acting Internal FM**

MEL 8301 **COM-Medicine 6(6,0)**

Ambulatory Elective in Gastroenterology: PR: Successful completion of M3 core clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult gastroenterology patients in the outpatient setting. *Fall, Spring.*

22 of 30 character abbreviation: **Ambulatory Elective GI**

MEL 8302 **COM-Medicine 6(6,0)**

Ambulatory Elective in Cardiology: PR: Successful completion of M3 core clerkships. The four week 4th year elective experience will provide advanced clinical training in the outpatient care of adult cardiology patients in the outpatient setting. *Fall, Spring.*

30 of 30 character abbreviation: **Ambulatory Elective Cardiology**

MEL 8308 **COM-Medicine 6(6,0)**

Ambulatory Elective in Hematology/Oncology: PR: Successful completion of M3 core clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult hematology/oncology patients in the outpatient setting. *Fall, Spring.*

30 of 30 character abbreviation: **Ambulatory Hematology Oncology**

MEL 8314 **COM-Medicine 6(6,0)**

Ambulatory Elective in Nephrology: PR: Successful completion of M3 clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult nephrology patients in the outpatient setting. *Fall, Spring.*

30 of 30 character abbreviation: **Ambulatory Elective Nephrology**

MEL 8321 COM-Medicine 6(6,0)

Ambulatory Elective in Dermatology: PR: Successful completion of M3 core clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult dermatology patients in the outpatient setting. *Fall, Spring.*

22 of 30 character abbreviation: **Ambulatory Dermatology**

MEL 8327 COM-Medicine 6(6,0)

Dermatology Elective: PR: Successful completion of M3 core clerkships. The student will be exposed to almost all aspects of diagnosis and treatment within dermatology(pediatrics to geriatric), surgical dermatology (routine, Moh's, laser), cosmetic dermatology (lasers, fillers, cosmetic surgery, hair transplantation, aesthetic services and dermatopathology. *Fall, Spring.*

30 character abbreviation: **Dermatology Elective**

MEL 8329 COM-Medicine VAR(3-6,0)

Dermatology: PR: Successful completion of M3 core clerkships. This elective will provide exposure to a general dermatology practice. *Fall, Spring.*

30 character abbreviation: **Dermatology**

MEL 8334 COM-Medicine 6(6,0)

Geriatric Elective: PR: Successful completion of M3 core clerkships. The four week 4th year elective experience will provide advanced clinical training and experience in the selective specialty. Provides a menu of options for exposure and experience in geriatric medicine. *Fall, Spring.*

30 character abbreviation: **Geriatric Elective**

MEL 8336 COM-Medicine 6(6,0)

Acting Internship in Internal Medicine: PR: Successful completion of M3 core clerkships. This four week experience will provide advanced clinical training in the care of acutely ill hospitalized adult medical patients. *Fall, Spring.*

21 of 30 character abbreviation: **Acting Internship IM**

MEL 8337 COM-Medicine 6(6,0)

Ambulatory Elective in Acute Care Medicine: PR: Successful completion of M3 clerkships. The four week 4th year elective experience will provide advanced clinical training in the outpatient care of adult acute care patients in the outpatient setting. *Fall, Spring.*

30 of 30 character abbreviation: **Ambulatory Acute Care Medicine**

MEL 8339 COM-Medicine 6(6,0)

Ambulatory Elective in Rheumatology: PR: Successful completion of M3 clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult rheumatology patients in the outpatient setting. *Fall, Spring.*

29 of 30 character abbreviation: **Ambulatory Elect Rheumatology**

MEL 8342 COM-Medicine 6(6,0)

Ambulatory Elective in Pulmonary Medicine: PR: Successful completion of M3 clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult pulmonary medicine patients in the outpatient setting. *Fall, Spring.*

30 of 30 character abbreviation: **Ambulatory Elect Pulmonary Med**

MEL 8351 **COM-Medicine 6(6,0)**

Ambulatory Elective in Endocrinology: PR: Successful completion of M3 core clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult endocrinology patients in the outpatient setting. *Fall, Spring.*

30 of 30 character abbreviation: **Ambulatory Elect Endocrinolog**

MEL 8353 **COM-Medicine 6(6,0)**

Ambulatory Elective in Infectious Disease and Travel Medicine: PR: Successful completion of M3 clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult infectious disease/travel medicine patients in the outpatient setting. *Fall, Spring.*

26 of 30 character abbreviation: **Ambulatory ID & Travel Med**

MEL 8374 **COM-Medicine 6(6,0)**

Dermatology Research Elective: PR: Successful completion of M3 core clerkships. The student will have opportunities to work on one of several ongoing clinical research projects. In addition, the student may develop their own project or join onto an ongoing project co-sponsored through another medical school, a patient support group or a medical society. *Fall, Spring.*

30 character abbreviation: **Dermatology Research Elective**

MEL 8378 **COM-Medicine 6(6,0)**

Wound Care: PR: Successful completion of M3 clerkships. Provides an in-depth exposure to the patient with open wounds, precursor and follow-up of healed wounds. *Fall, Spring.*

30 character abbreviation: **Wound Care**

MEL 83XX **COM-Medicine 6,(6,0)**

Acting Internship in Internal Medicine: PR: Successful completion of M3 core clerkships. This four week experience will provide advanced clinical training in the outpatient care of adult medical patients. *Fall, Spring.*

23 of 30 character abbreviation: **Acting Intrn Intrnl Med**

MEL 83XX **COM-Medicine 6(6,0)**

Advanced Dermatology Elective: PR: Successful completion of M3 core clerkships and satisfactory completion of Dermatology elective. This elective will expose the student to almost all aspects of diagnosis and treatment within general dermatology and provide additional opportunities in research and office management. *Fall, Spring.*

30 character abbreviation: **Advanced Dermatology Elective**

MEL 83XX **COM-Medicine 6(6,0)**

Pediatric Dermatology: PR: Successful completion of M3 core clerkships. Overview of pediatric dermatology including common skin dermatoses, birthmarks, genodermatoses in both outpatient and inpatient setting. *Fall, Spring.*

30 character abbreviation: **Pediatric Dermatology**

MEL 8405 **COM-Medicine 6(6,0)**

Elective in Gynecologic Oncology: PR: Successful completion of M3 core clerkships. Provides an in-depth exposure and experience in gynecologic oncology. *Fall, Spring.*

20 of 30 character abbreviation: **Gynecologic Oncology**

MEL 8410 **COM-Medicine 6(6,0)**

Elective in Reproductive Endocrinology and Infertility: PR: Successful completion of M3 core clerkships. Experience evaluating new and returning patients in REI clinic participation; in preoperative, operative and inpatient postoperative care; and advanced gynecologic ultrasonography, IVG svcs. *Fall, Spring.*

27 of 30 character abbreviation: **Reprod Endocrinology/Infert**

MEL 8420 **COM-Medicine 6(6,0)**

Acting Internship in Obstetrics: PR: Successful completion of M3 clerkships. Experience comparable to a month of obstetric internship, during which the student will function as an intern under the supervision of the senior resident and attending physician. *Fall, Spring.*

28 of 30 character abbreviation: **Acting Internship Obstetrics**

MEL 8421 **COM-Medicine 6(6,0)**

Acting Internship in Benign Gynecology: PR: Successful completion of M3 clerkships. Experience comparable to a month of gynecologic internship, during which the student will function as an intern under supervision of senior resident(s) and attending physician. *Fall, Spring.*

28 of 30 character abbreviation: **Acting Internship Benign Gyn**

MEL 8504 **COM-Medicine VAR(1.5-6,0)**

Clinical Ophthalmology Elective: PR: Successful completion of M3 core clerkships. An eye clinic based experience where students will master ophthalmoscopy, ophthalmic examination skills, and participate in general and specialty eye surgery and clinics. *Fall, Spring.*

27 of 30 character abbreviation: **Clin Ophthalmology Elective**

MEL 8511 **COM-Medicine VAR(3-6,0)**

Ophthalmology Research Elective: PR: Successful completion of M3 core clerkships. Students will gain exposure to clinical trials, translational research and patient care in an ophthalmology subspecialty (retina) community-based practice. *Fall, Spring.*

28 of 30 character abbreviation: **Ophthalmology Research Elect**

MEL 8563 **COM-Medicine 6(6,0)**

Pediatric Nephrology Elective: PR: Successful completion of M3 core clerkships. This rotation is designed to familiarize the student with the wide range of pediatric kidney diseases encountered in the ICU, inpatient service and outpatient departments. *Fall, Spring.*

30 character abbreviation: **Pediatric Nephrology Elective**

MEL 8564 **COM-Medicine 6(6,0)**

Ambulatory Pediatrics Elective: PR: Successful completion of M3 core clerkships. This elective is designed to acquaint the student with the management of acute pediatric illness in an outpatient setting. *Fall, Spring.*

30 character abbreviation: **Ambulatory Pediatrics Elective**

MEL 8565 **COM-Medicine 6(6,0)**

Pediatric Endocrinology Elective: PR: Successful completion of M3 clerkships. Provide in-depth exposure and experience in the diagnosis and treatment of endocrine disorders with a focus on the multidisciplinary care of the diabetic child. Also, growth disorders, disorders of puberty and obesity and its complications. *Fall, Spring.*

26 of 30 character abbreviation: **Ped Endocrinology Elective**

MEL 8568 **COM-Medicine 6(6,0)**

Pediatrics Hematology/Oncology: PR: Successful completion of M3 core clerkships. Pediatrics hematology and oncology including bone marrow transplant. *Fall, Spring.*

30 character abbreviation: **Pediatrics Hematology/Oncology**

MEL 8569 **COM-Medicine 6(6,0)**

Pediatric Neurosurgery: PR: Successful completion of M3 core clerkships. An introduction to Pediatric Neurosurgery. *Fall, Spring.*

30 character abbreviation: **Pediatric Neurosurgery**

MEL 8574 **COM-Medicine 6(6,0)**

Pediatric Pulmonary Elective: PR: Successful completion of M3 core clerkships. This clinical course will be based on basic respiratory physiology and will include a variety of clinical pulmonary experiences and diseases. *Fall, Spring.*

30 character abbreviation: **Pediatric Pulmonary Elective**

MEL 8575 **COM-Medicine 6(6,0)**

Pediatric Critical Care & ICU Elective: PR: Successful completion of M3 core clerkships. This course is designed to give students the experience of caring for critically ill patients ranging from infancy through adolescence in the ICU/SCU setting. *Fall, Spring.*

30 of 30 character abbreviation: **Pediatrc Crit Care & ICU Elect**

MEL 8578 **COM-Medicine 6(6,0)**

Pediatric Cardiology: PR: Successful completion of M3 core clerkshps. Provide overview of Pediatrics Cardiology. *Fall, Spring.*

30 character abbreviation: **Pediatric Cardiology**

MEL 8579 **COM-Medicine 6(6,0)**

Pediatric Gastroenterology Elective: PR: Successful completion of M3 core clerkships. Students will be exposed to a wide spectrum of pediatric gastrointestinal and liver diseases. *Fall, Spring.*

26 of 30 character abbreviation: **Pediatric Gastroenterology**

MEL 8582 **COM-Medicine 6(6,0)**

Pediatric Infectious Diseases: PR: Successful completion of M3 core clerkships. Introduction to the clinical aspects of the diagnosis and treatment of infectious diseases in children. *Fall, Spring.*

30 character abbreviation: **Pediatric Infectious Diseases**

MEL 85XX **COM-Medicine 6(6,0)**

Neonatology Elective: PR: Successful completion of M3 core clerkships. This elective is designed to expose the student to normal physiology and a wide variety of disease that affect the term and pre-term newborn. *Fall, Spring.*

30 character abbreviation: **Neonatology Elective**

MEL 8612 **COM-Medicine 6(6,0)**

Geriatrics Psychiatry at VA: PR: Successful completion of M3 core clerkships. Responsibility of clinical assessment and treatment planning for geriatric psychiatry patients at the VA Community Living Center. *Fall, Spring.*

30 character abbreviation: **Geriatrics Psychiatry at VA**

MEL 8623 **COM-Medicine 6(6,0)**

Advanced Psychiatric Therapies: PR: Successful completion of M3 core clerkships. Clinical assessment and treatment experience with child, adolescent and adult populations with treatment-resistant, "dual diagnoses" (psychiatric comorbidities) in residential and day treatment settings. *Fall, Spring.*

30 character abbreviation: **Advanced Psychiatric Therapies**

MEL 8630 **COM-Medicine 6(6,0)**

Clinical Pharmacology Research: PR: Successful completion of M3 core clerkships. Provides an in-depth exposure and experience in psychiatric pharmacology protocols. *Fall, Spring.*

30 character abbreviation: **Clinical Pharmacology Research**

MEL 8668 **COM-Medicine VAR(3-6,0)**

Neurodegenerative Disease: Research & Clinical Care: PR: Successful completion of M3 core clerkships. Evaluation, clinical care, and clinical research in neurodegenerative disease with special emphasis on Alzheimer's disease and Parkinson's disease. *Fall, Spring.*

25 of 30 character abbreviation: **Neurodegenerative Disease**

MEL 8669C **COM-Medicine VAR(3-6,0)**

Neuro-Oncology: PR: Successful completion of M3 core clerkships. Evaluation and clinical care of patients with brain tumors and neurological complications of cancer. *Fall, Spring.*

30 character abbreviation: **Neuro-Oncology**

MEL 8683 COM-Medicine 6(6,0)

Acting Internship in Psychiatry: PR: Successful completion of M3 clerkships. Increased level of responsibility for clinical assessment and treatment planning in walk-in/triage clinic at VA. Additional responsibility for teaching third year medical students. *Fall, Spring.*

28 of 30 character abbreviation: **Acting Internship Psychiatry**

MEL 8701 COM-Medicine VAR(3-6,0)

Neuro-Radiology: PR: Successful completion of M3 core clerkships. Evaluation and interpretation of modalities used to image the central nervous system. *Fall, Spring.*

30 character abbreviation: **Neuro-Radiology**

MEL 8702 COM-Medicine VAR(3-6,0)

Pediatric Radiology Elective: PR: Successful completion of M3 core clerkships. Provides an in-depth exposure and experience in pediatric radiology. *Fall, Spring.*

30 character abbreviation: **Pediatric Radiology Elective**

MEL 8710 COM-Medicine VAR(3-6,0)

Elective in Radiology: PR: Successful completion of M3 core clerkships. Student will rotate with radiologists at APH or ORMC. Exposure to subspecialties within radiology including interventional, neuroradiology, pediatric, GI/GU, oncology and trauma. *Fall, Spring.*

30 character abbreviation: **Elective in Radiology**

MEL 8XXX COM-Medicine 6(6,0)

4th Year Elective in Health Information Technology: PR: Successful completion of M2 modules and M3 core clerkships. Students will identify and explore a variety of topics on information technology's intersection with medicine. Topics include electronic and personal health records, information security and knowledge resources at the point of care. *Fall, Spring.*

27 of 30 character abbreviation: **4th Yr Elect Hlth Info Tech**

MEL 8XXX COM-Medicine 6(6,0)

4th Year Elective in Patient Safety: PR: Successful completion of M2 modules and M3 core clerkships. UCF COM Students only. Students will have the opportunity to study patient safety and quality issues in an inpatient setting and see how the application of the fundamental concepts can improve health care safety and quality. *Fall, Spring.*

25 of 30 character abbreviation: **4th Yr Elect in Pt Safety**

MEL 8XXX COM-Medicine 6(6,0)

Advanced Clinical Anatomy: PR: Successful completion of M3 core clerkships. Student will plan and implement a program to study and demonstrate the anatomy, current literature and surgical approaches related to a contract agreed upon by student and elective supervisor at the start of the elective. *Fall, Spring.*

30 character abbreviation: **Advanced Clinical Anatomy**

MEL 8XXX COM-Medicine 6(6,0)

Clinical Anatomy Teaching Elective: PR: Successful completion of M3 core clerkships. M4 medical students can participate as teaching assistants in the human anatomy laboratory component of the UCF College of Medicine HB-2 module. *Fall, Spring.*

30 of 30 character abbreviation: **Clin Anatomy Teaching Elective**

MEL 8XXX COM-Medicine 6(6,0)

Foundation of Academic Education: PR: UCF COM Students only. The didactic part of the module will be covered during M1 and M2 years. Students will spend their assigned time during M4 to complete their practicum. This elective introduces medical students to academic medicine and educational research. Course covers major educational theories, instructional design, teaching, and assessment methods. *Fall, Spring.*

29 of 30 character abbreviation: **Foundation Academic Education**

MEL 8XXX COM-Medicine 6(6,0)

Psychiatry VA Residential Care at Domiciliary: PR: Successful completion of M3 core clerkships. Responsibility for clinical assessment and treatment planning for residential care patients with special emphasis on substance related disorders and PTSD at VA Medical Center Domiciliary. *Fall, Spring.*

30 of 30 character abbreviation: **Psychiatry VA Res Care Domicil**

College of Nursing Course Action Additions

Tabled. Clarification needed on name and repeatable option.

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

Doctoral Scholarship: PR: Admission to the PhD 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

Tabled. Clarification needed on course. Invite Atsusi Hirumi to next meeting.

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

Learning, Instructional Design, and Cognitive Neuroscience: 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 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.

Health & Public Affairs Course Action Additions

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

Engineering & Computer Science Course Action Revisions

CCE 5006 ~~Introduction to Construction Industry~~ 3(3,0)

Infrastructure Systems Management

PR: Post-bae status PR: CCE 4004 and CCE 4034, or C.I.

~~This course introduces students to the construction industry. Topics include project evaluation, project phases, project delivery systems, contracts, estimating and schedule drawing and specifications. Research paper required.~~

Essential elements of infrastructure systems and cover concepts, methods, and technologies essential for infrastructure life cycle engineering and management.

30 of 30 character abbreviation: **Infrastructure Systems Managem**

Effect on majors: Construction cert.

CCE 5205 ~~**Construction Methods**~~ **3(3,0)**

Decision Support for Infrastructure Projects

~~PR: Post bae status~~ PR: CCE 4004 and CCE 4034, or C.I.

~~This class covers construction project evaluation principles along with construction methods for civil and structural systems.~~

Infrastructure decision-making theories, data representation for decision analysis, advanced methods in decision-making, and applications of decision support systems in infrastructure projects.

30 of 30 character abbreviation: **Decision Support for Infrastru**

Effect on majors: Construction cert.

CCE 5036 ~~**Construction Estimation and Scheduling**~~ **3(3,0)**

CCE 6XXX **Advanced Construction Planning and Control**

~~PR: C.I.~~ PR: CCE 5006 and CCE 5205, or C.I.

~~Provides students with an understanding of estimating and scheduling of construction projects. Topics include detailed estimates, scheduling and project control. Research paper required.~~

Advanced concepts, theories, and applications in planning, estimating, and scheduling. Students will be introduced to dynamic project planning, and optimization.

30 of 30 character abbreviation: **Advanced Construction Planning**

Effect on majors: Construction cert.

CCE 5406 ~~**Construction Equipment and Productivity**~~ **3(3,0)**

CCE 6XXX **Design and Monitoring of Construction Process**

~~PR: C.I.~~ PR: CCE 5006 and CCE 5205, or C.I.

~~Selection of appropriate equipment based on operational parameters. Principles of construction productivity measurement and analysis. Discrete event simulation.~~

Concepts of integrated project delivery, improving site layout, advanced operations improvement technologies, improving site security, and green construction.

30 of 30 character abbreviation: **Design & Monitor of Constr Pro**

Effect on majors: Construction cert.

CIS 6386 ~~**Operation Systems and File System Forensics**~~ **3(3,0)**

Operating 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 of 30 character abbreviation: **Operating Sys & File Sys Foren**

Effect on majors: MSDF

CIS 6395 Incident Response Technologies 3(3,0)

PR: CGS 5131 and CNT 6418, 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~~

This course covers security incidents and intrusions. Topics include: identifying and categorizing incidents, responding to incidents, log analysis, network traffic analysis, and tools.

Rationale: Enhancing course contents by adding more prerequisites

Effect on majors: MS Digital Forensics

~~CET 6887~~ The Practice of Digital Forensics 3(3,0)

CIS 6XXX

PR: CGS 5131 and CNT 6418, or C.I.

Application of digital scientific techniques to solve information assurance, forensic and legal problems.

Rationale: Enhancing course contents by adding more prerequisites, and changing the course prefix accordingly

Effect on majors: MS Digital Forensics

College of Education Course Action Revisions

Tabled. Clarification requested on why credit hours were changed from 1 to 2.

EDH 6043 On Course: Steering Students Toward Success ~~1(1,0)~~

2(2,0)

PR: C.I.

Provides faculty with strategies, tactics, and tools to improve interactivity to distance learning.

Rationale: Credential SLS instructors. Demonstration of and active participation in a unique philosophical and practical application of student learning centered activities for all disciplines. Personal enrichment for faculty and staff targeted to improve holistic college experience for students.

Discussion with others: No objections from the Higher Education/Policy Studies faculty.