

Minutes
Graduate Council Curriculum Committee
January 10, 2018
2:30 p.m., Millican Hall 395E

Members Present: Kerry Purmensky, Jennifer Sandoval, Steven Ebert, Diane Andrews, Cheyenne Ro, Terrie Sypolt, Joshua Troche, Elsie Olan

Administrators and Guests Present: Devon Jensen, Foard Jones, David Hagan, Mostafa Bassiouni, Jesse Mendez, Ross Wolf, Shawn Lawrence, Jesica Lovelace, Amelia Lyons, Patrick Pabian, Joseph Brennan, Thomas Dolan, Harry Weger, Luis Favela, Pam Cavanaugh, Martha Brenckle, Barry Mauer, Ann Shillingford, Paul Gregg, Danae Barulich, Andrew Randall, Mike Hynes, Keisha Hoerrner, Ronald Piccolo, Brandy Pieper

Welcome and call to order. Dr. Purmensky, chair, called the meeting to order at 2:32p.m. and welcomed the committee and guests. A quorum was established. The minutes (curriculum, course) from the November 29, 2017 meeting were reviewed and approved.

Addition of CBA Management MS program-Entrepreneurship track effective Fall 2018.

Dr. Foard Jones gave a brief general description of the track. Dr. Ronald Piccolo gave a more detailed explanation. The track will mirror the phases of startup processes-discovery, planning, and implementation, so that students can work on developing their own startup venture proposals while earning a graduate degree. The track will be offered face-to-face and include experiential components. The track addition received unanimous approval.

Revision of CBA Real Estate PMRE program effective Spring 2019.

Dr. Foard Jones gave a brief general description of the program. Dr. Paul Gregg gave a more detailed explanation. The revision includes deleting MAR 6816, which decreases the Finance core from 15 to 12 hours and adding REE 6XXX Real Estate Contracts & Negotiations to the Real Estate Core which increases the Real Estate core from 15 to 18 credit hours. The program revision received unanimous approval.

Revision of CAH Professional Writing Graduate Certificate program effective Fall 2018.

Dr. Martha Brenckle explained that the revision will increase the standards of the program. The revision is to move ENC 5237 from core to required courses and add ENC 6XXX Professional Writing Studies to the core. The program revision received unanimous approval.

Revision of CAH Texts and Technology PhD program effective Fall 2018.

Dr. Barry Mauer explained that the revision will change language in the program. The revision is to adjust required credit hours to make a fast-track degree. The program revision received unanimous approval.

Revision of CECS Environmental Engineering MSENvE program and track effective Fall 2018.

Dr. Andrew Randall explained the revisions are to the electives, required courses, and the articulation courses. The revisions are to move ENV 6347 from required (change from 15 to 12 hours) to elective (change from 9 to 12 hours) courses, to update the names of articulation

courses, and add course STA 3032 to articulation. The program revision received unanimous approval.

Revision of CECS Environmental Engineering MS program and track effective Fall 2018.

Dr. Andrew Randall explained the revisions. The revisions are to move ENV 6347 from required courses, require ENV 6016 and ENV 6015, move industrial waste treatment to a different section of required courses, update names of articulation courses and add course STA 3032 to articulation courses. The program revision received unanimous approval.

Revision of CEHP Art Education MAT program effective Spring 2018.

Dr. JP Mendez explained that the revision is to change elective courses so that the program can be offered fully online. The revision is to change elective options to specific required courses: ARE XXXX to ARE 5251 and ARE XXXX to ARE 6195. The program revision received unanimous approval.

Revision of COP Optics and Photonics MS program effective Fall 2018.

Dr. David Hagan explained the revision is to change when the comprehensive exam is required to be completed. The program revision received unanimous approval.

Revision of COS Security Studies PhD program effective Fall 2018.

Dr. Thomas Dolan explained that the revision is to clean-up redundant courses. The revision is to delete required course INR 7687, add a new required course INR 7XXX The Scientific Study of Security, replace the Oral Qualifying Exam with an Initial Dissertation Advisory Committee Meeting, revise the list of exams to match curricular alterations, remove policies relevant to the exams which are or will be obsolete, shift discussion of dissertation downward in the curriculum description, and add dissertation proposal language. The program revision received unanimous approval.

Revision of COS Communication MA program effective Fall 2018.

Dr. Harry Weger explained the revision is to dissolve the current tracks in the program. The revision is to add a general communication theory course to the core, delete theory courses from tracks, reduce methods courses from three to two, add an applied project as a non-thesis alternative, and reduce thesis hours from four to three hours. The program revision received unanimous approval.

Revision of COS Corporate Communication Graduate Certificate program effective Fall 2018.

Dr. Harry Weger explained the revision is to institute a more basic level research course. The revision is to add COM 5312 to electives and delete COM 6303 and COM 6304 from electives. The program revision received unanimous approval.

Revision of COS Intelligence and National Security Graduate Certificate program effective Fall 2018.

Dr. Thomas Dolan explained that the revision is to add POS 7745 and CCJ 7708 to required course options. Courses will also be added to the possible restricted electives: POS 6686, CPO 6729, INR 6062, INR 6065, INR 6339, and IRN 6356. The program revision received unanimous approval.

Addition of CAH split level course: THE 4XXX/5XXX Health and Wellness for the Performing Artist.

No representative from the program was present. The Committee reviewed the proposal and supporting documentation. The split level course addition received unanimous approval.

Courses and special topics.

To review the list of approved courses, please see the attached course minutes.

Adjournment.

The meeting adjourned at 3:25p.m. The next meeting is scheduled for January 24, 2018.

January 10, 2018- Course Minutes

1. Course Additions

College of Arts and Humanities Course Additions

Approved

HIS 6XXX **CAH-HIST** **3(3,0)**

Spatial History: PR: Graduate Standing or C.I. Discussion of the scholarly literature as well as the application of spatial history research, including geospatial and digital storytelling technologies. May be repeated for credit two times. *Occasional*.

Abbrev: (15 of 30 chars) Spatial History

Repeat For Credit: True Max Times: 2

Discussion with others: We have approval from SVAD, Anthropology that there is no overlap and we may proceed. The GIS certificate has also approved its inclusion as an elective in the program. As a result, the course would attract students outside of the history MA program.

Rationale: To expand offerings in digital and Public history. In consultation with Dr. John Walker, Anthropology, we expect this course to be included as an elective for the GIS Certificate program. It will expand offerings for both history MA students and all MA students pursuing a GIS certificate.

Approved

PHI 5XXX **CAH-PHIL** **3(3,0)**

Foundations of Cognitive Sciences: PR: Admission to the Cognitive Sciences MA program or C.I. Critical evaluation of conceptual, historical, and theoretical foundations of the cognitive sciences. *Fall*.

Abbrev: (30 of 30 chars) Foundations Cognitive Sciences

Rationale: There are three primary rationales for this course: First, it provides students with the necessary conceptual, historical, and theoretical background to conduct research in the cognitive sciences. Second, by emphasizing a variety of frameworks for understanding cognition and investigations of cognitive systems, it is the basis for the Master of Cognitive Sciences (MCS) program. Third, it lays the conceptual foundations necessary for success in the other MCS courses.

Majors taking course: Cognitive Sciences MA students

Split Level Course

Approved

THE 5XXX **CAH-THEA** **3(3,0)**

Health and Wellness for the Performing Artist: PR: Admission to Theatre graduate programs or C.I. Focus on performing artists' health and related topics. *Spring*.

Abbrev: (28 of 30 chars) Health & Well Perform Artist

Rationale: By expanding the content of the course to include health and wellness issues for theatre performers it will open of the class for all students in the School of Performing Arts.

Tabled- No representative present.

ENC 6XXX **CAH-WRITE** **3(3,0)**

Rhetoric of Health and Medicine: PR: Graduate Standing or C.I. How health and medical rhetorics function in society; will study the rhetorical dimensions of clinical care, public health, patient advocacy, and personal health management. *Occasional.*

Abbrev: (22 of 30 chars) Rhet Health & Medicine

Discussion with others: This course is specific to the field of rhetoric and there should be no conflicts with other departments. However, English, COHPA, and Communications have been consulted and there are no issues. Emails attached.

Rationale: The rhetoric of health and medicine is a growing and important sub-field in Rhetoric and Writing Studies. Graduate students have successfully defended theses in the sub-field and have networked with COHPA and COM. We would like to make the opportunity to study in this area available to more students.

College of Business Administration Course Additions-Approved

All courses in College approved unless otherwise noted.

REE 6XXX **BA** **3(3,0)**

Real Estate Contracts and Negotiations: PR: Acceptance into the MS Real Estate Program. The course covers various legal and ethical concepts applicable to the real estate industry including contracts, securities laws, construction management, negotiations, and entity structure. *Odd Spring.*

Abbrev: (29 of 30 chars) RE Contracts and Negotiations

Rationale: Our students (who are active in the local real estate industry) thought that a class on negotiation skills would be most beneficial to their current work and graduate degree in real estate. This industry is "transactional" meaning that real estate acquisitions and sales constitute a significant amount of time and effort for our students and their companies. We also want to formally cover "ethics" in this class which is extremely relevant to a successful career in real estate. Rebecca York Esq. will teach the class (she already teaches the real estate law class).

REE 7XXX **BA** **3(3,0)**

Seminar in Finance and Real Estate Research: PR: Admission to business doctoral program and ECO 6416 or equivalent. An introduction to doctoral-level topics in finance, real estate research; including land economics, spatial markets for real property, and the economics of property law. *Even Fall.*

Abbrev: (25 of 30 chars) Sem. in Fin & RE Research

Discussion with others: N/A

Rationale: This course is intended for finance Ph.D. students. The course will cover several fundamental topics in real estate economics: land economics, spatial markets for real property, and the economics of property law. All are inter-related. Land economics provides the common theoretical basis for the analysis of real property markets and property rights, the other two main topics to be covered during the semester. The course will focus on these three topics in order to provide students with deeper coverage of each than would be possible in a course surveying the

entire field. Students will choose from additional papers designated from the current literature for individual presentations. Other seminal empirical studies that are often not explicitly tied to the underlying theory will be identified for interested students as supplementary background readings not required for the course.

Majors taking course: Finance Ph.D. students

FIN 7XXX **BA-FIN** **3(3,0)**

Empirical Methods I: PR: Admission to Business doctoral program. Course will provide a rigorous introduction to the modern empirical toolkit that is used in corporate finance and investments. *Fall.*

Abbrev: (19 of 30 chars) Empirical Methods I

Discussion with others: None

Rationale: Course offered to our Ph.D. students to provide a rigorous introduction to the modern empirical methods that are used in corporate finance and investments. This course will give students examples from empirical finance literature and show them how to apply these empirical methods to answer their research questions in financial economics. These skills in SAS and becoming familiar with commonly used finance data sources such as CRSP, COMPUSTAT, SDC, 13F holdings, and SDC filings, etc. will give them skills to produce research at a high quality. Therefore, benefitting the students, college and university.

FIN 7XXX **BA-FIN** **3(3,0)**

Empirical Methods II: PR: Admission to doctoral program; completion of Empirical Methods I and Introduction to Finance Theory. Course covers advanced topics in empirical methods in studies of asset pricing and corporate finance. *Spring.*

Abbrev: (20 of 30 chars) Empirical Methods II

Rationale: This is an advanced level course on empirical methodology in finance. The focus of the course is on applications of econometric methods in finance. Finance is a highly empirical academic discipline and the past twenty years have further seen an extraordinary growth in the use of quantitative methods in financial markets. Topics include tests of asset pricing models, return predictability in time-series and cross-section, empirical studies of asset market imperfections, studies of individual and institutional investor behavior.

ENT 5XXX **BA-MAN** **3(3,0)**

Creativity and Entrepreneurship: PR: Graduate Standing. This course presents contemporary methods for characterizing customer problems, designing creative solutions, and assessing value propositions for startup business ventures. *Fall.*

Abbrev: (28 of 30 chars) Creativity and Entrepreneurs

Rationale: This course will be used as part of the MS in Management-Entrepreneurship track curriculum

Majors taking course: Management MS-Entrepreneurship track

College of Education and Human Performance Course Additions-Approved

All courses in College approved unless otherwise noted.

MHS 7XXX **ED-CFCS** **3(3,0)**

Mathematical Foundations for Massive Data Modeling and Analysis: PR: MAA 5228 and MAS 5145 or C.I. Mathematical model and analysis of massive data, numerical algorithms, optimization, nonlinear and sparse models. *Even Spring, Even Fall. Abbrev: (29 of 30 chars)* Math. Found. for Massive Data

Discussion with others: n/a

Rationale: Data science calls for new mathematical techniques to deal with larger data sets with complex geometric structure. This course will survey the mathematical foundations of various linear, nonlinear and sparse models that have been developed mainly during the last two decades, and popular algorithms for analyzing massive data sets. Majors taking course: n/a

INR 7XXX

COS-POLS

3(3,0)

Scientific Study of Security: PR: Admission to Security Studies Ph.D. or C.I. Principles of research design and evaluation of studies on domestic and international security; preparation of an empirical research paper. *Fall.*

Abbrev: (28 of 30 chars) Scientific Study of Security

Discussion with others: Discussions with Sociology and Criminal Justice

Rationale: This course will strengthen PhD students' skills in designing and implementing appropriate research designs in their own scholarship. Majors taking course: Security Studies Ph.D.

2. Special Topics Additions -Approved

College of Education and Human Performance Special Topics Additions

All courses in College approved unless otherwise noted.

MHS 7939

ED-CFCS

3(3,0)

ST: Advanced Multiculturalism in Counseling: PR: Admission into UCF's PhD in Education--Counselor Education Track program. This course discusses multiculturalism, social justice, diversity, and the contributing roles of racial, ethnic, and cultural heritages; socioeconomic status, family structure, age, gender, sexual orientation, and other forms of diversity; and issues of equity, equality, justice, and fairness. The course examines multiculturalism from the perspective of higher education and also within the context of counseling multicultural competencies. *Occasional.*

Abbrev: (18 of 30 chars) Adv Multi in Couns

Discussion with others: Higher Education offers EDH 6046: Diversity in Higher Education. I had discussions with Dr. Kathy King and we were able to review both syllabi. The conclusion was that the courses are different in that this new course is only for PhD Counselor Education students and focuses on multiculturalism in the counseling profession as opposed to higher education. Also highlighted is that the course assignments are very different and do not pose a conflict.

3. Course Revisions

College of Arts and Humanities Course Revisions-Approved

All courses in College approved unless otherwise noted.

AMH 5566 **Colloquium: Women in American History** **3(3,0)**

HIS 5XXX **Colloquium: History of Women and Gender**

PR: Graduate standing or senior standing or C.I.

~~Intensive reading and class discussion~~ Readings on selected topics ~~in the history of Women in American History from colonial time to the present.~~ gender and women.

Abbrev (16 of 30): ~~Colloq: Women in Amer History~~ Women and Gender

Repeat For Credit: ~~No~~ Yes Max Times: 4 3

Discussion with others: I have been in touch with Dr. MC Santana and she supports the revision. Email attached.

Rationale: We are revising this course so we can offer it regularly to both history MA students and students in the Gender Studies Certificate. Limiting the course to US history prevents many of our faculty from teaching the course. By removing the national specificity, we globalize the course, allowing a range of faculty to offer a transnational approach. We have faculty in Asian, and European history qualified to teach Women and Gender history in addition to Americanists. This revision will be useful for both History and Gender studies certificate MA students. There are no programs that list AMH 5566.

MUS 5677 **Wellness for the Performing Musician** **3(3,0)**

Health and Wellness for the Performing Artist

PR: ~~Graduate standing in music education~~ Admission to Music MA or C.I.

~~Various techniques and methods of maintaining physical~~ Focus on performing artists' health and wellness for musicians. related topics

Abbrev (28 of 30): ~~Wellness for Perform Musician~~ Health & Well Perform Artist Term

Offered: Spring

Repeat For Credit: No Max Times: 4 0

Rationale: By expanding the content of the course to include health and wellness issues for theatre performers it will open of the class for all students in the School of Performing Arts. There are no programs that list MUS 5677.

College of Education and Human Performance Course Revisions-Approved

All courses in College approved unless otherwise noted.

EDF 7475 **Qualitative Research in Education**

PR: EDF 7463 or Doctoral standing of C.I.

Introduction to the philosophical and conceptual basis of qualitative research methods, strategies for gathering, analyzing, and interpreting qualitative data, emerging issues.

Rationale: We wish to eliminate EDF 7463 as a prerequisite. The prerequisite was added to ensure that students completed required research courses in a particular sequence, not because EDF 7463 is necessary for success. Doctoral students in Education may now complete this course in the first or second year. The course also serves students in other doctoral programs across UCF. The current prerequisite merely creates an unnecessary administrative burden.

Majors taking course: PhD in Education and EdD in Higher Education There are no programs that list EDF 7475.

ARE 6905 **Research Trends in Art Education** **3(3,0)**

PR: ~~EDF 6484~~. Graduate Standing or C.I.

This course will further prepare art education graduate students to identify and review landmark research and conduct relevant art education research. ~~May be repeated for credit.~~

Term Offered: ~~Occasional~~ Spring

Repeat For Credit: ~~Yes~~ No Max Times: 99

Rationale: The prerequisite is being changed to open up the course for other populations of students who might otherwise be able to enroll. The repeatable for credit option is also being eliminated.

Majors taking course: MAT Art Education There are no programs that list ARE 6905.

College of Engineering and Computer Science Course Revisions-Approved

All courses in College approved unless otherwise noted.

COT 6600 **Quantum Computing** **3(3,0)**

COT 5XXX

PR: ~~COT 5405~~. COP 3503C.

This course introduces basic concepts in quantum circuits and quantum algorithms. Term Offered: ~~Occasional~~ Spring

Discussion with others: There are no duplications with any departments. Physics said "We have absolutely no objection. In fact, this course should have been taught at the 5000 level all along. It's accessible to undergraduate seniors in physics and computer science." The ECE department had no objections.

Rationale: There are currently two courses in quantum information science at the 6000-level: COT6600 "Quantum Computing" and COT6602 "Introduction to Quantum Information Theory". The instructor asks to change the level of the COT6600 to 5000-level so it can serve as an introductory field to quantum information science that is also available to undergraduates. There are several undergraduate students who are very much interested in this research topic but cannot take any course in this field. Interested graduate students can take the advanced followup COT6602.

There are no programs that list COT 6600.

EEL 5825 **~~Pattern Recognition~~**
Pattern Recognition and Learning from Big Data

PR: ~~EEL 4750~~ 3021 or ~~C.I.~~ EEL 5542.

Preliminaries of pattern recognition, Bayesian Decision Theory, linear discriminant functions, Neural Network approaches, decision tree classifiers, unsupervised learning and clustering, non-parametric techniques, and other topics reflecting the state-of-the art.

actuation. Evaluation of sensors and actuators. ~~Philosophy of selection of sensors and actuators for specific engineering requirements. Introduction of development of sensors and actuators in micromechanical systems.~~

Rationale: This course was scheduled to be offered in Spring 2015. However, it eventually was canceled due to the sabbatical leave of the instructor and no other MAE faculty was able to teach this subject. The MAE Department has a plan to offer it in Fall 2018 in order to continue this course on the course catalog.

There are no programs that list EML 6295.

EML 5572 Probabilistic Methods in Mechanical Design 3(3,0)

EML 6XXX

PR: ~~EML 3500, STA 3032.~~ 3032 and EML3500 or EAS4200.

~~Uncertainty modeling in design. Use design and analysis of probabilistic mathematics to assess strength, stiffness, toughness, industrial equipment and stability. Applications: engineering systems (data analytics, quality control, and reliability engineering).~~

Rationale: The proposed revision on the course content has no duplications and conflicts with other departments and colleges.

There are no programs that list EML 5572.

EMA 5108 Surface Science 3(3,0)

PR: ~~PHY 2049C and~~ EGN 3365 or EMA 3706 or C.I.

~~Methods This course focuses on the physics underlying the techniques used to analyze the surface region of chemical and physical analysis materials. This course also addresses the fundamentals of surfaces, with emphasis on ultra-high vacuum spectroscopies utilizing electron, ion and photon probes. these processes.~~

Rationale: EMA 5108 is an elective course for MSE graduate students. Due to the lack of faculty, it has not been offered in the five-year period. With four new faculty members joined MSE last year , We plan to offer EMA 5504 in Spring 2019. There are no programs that list EMA 5108.

EMA 5415 Electronic Principles of Materials Properties 3(3,0)

PR: EGN 3365 or EMA 3706 or C.I.

~~The This course covers will cover~~ the fundamental concepts of band structure and bonding of materials, electrical and thermal conduction in ~~metals~~ metals, semiconductors and semiconductors. dielectric. The interaction between light and matter will be addressed and the important concepts such as excitons will be introduced.

: EMA 5415 is an elective course for MSE graduate students. Due to the lack of faculty, it has not been offered in the five-year period. With four new faculty members joined MSE last year , This course will be in Spring 2018.

There is 1 program that lists EMA 5415: Materials Science and Engineering - Minor

EMA 5504 Modern Characterization of Materials 3(2,2)

PR: EMA 5104 or C.I.

Techniques The course overviews the modern characterization instrumentation for contemporary materials science and engineering studies and aims to understand their scientific significance,

operation of instrumentation (light, scanning, transmission, principles, and auger microscopy) for the characterization of structure, defects, composition, and surfaces. technological applications. Rationale: EMA 5504 is an elective course for MSE graduate students. Due to the lack of faculty, it has not been offered in the five-year period. With four new faculty members joined MSE last year, We plan to offer EMA 5504 in Spring 2019. There are no programs that list EMA 5504.

College of Graduate Studies Course Revisions-Approved

All courses in College approved unless otherwise noted.

IDC 6601 Behavioral Aspects of Cybersecurity 3(3,0)

PR: IDS 5602 or C.I.

Interdisciplinary human, social, and behavioral issues related to cybersecurity. Management techniques, motives for cyber crimes, risk and threat analysis, ethics, and legal issues.

Term Offered: ~~Spring~~ Summer

Rationale: This will correct the error in the graduate catalog. The catalog lists the course as being offered in the spring, but it is actually offered every summer. There is no curriculum revision, just a correction to the catalog.

Majors taking course: Modeling and Simulation M.S.; Behavioral Cyber Security G.C. There are no programs that list IDC 6601.

College of Health and Public Affairs Course Revisions-Approved

All courses in College approved unless otherwise noted.

**PHT 5125L Clinical Kinesiology Lab 2(0,4)
1(0,2) CR:**

PHT 5125.

Graduate level study of human musculoskeletal movement with an emphasis on joint mechanics and clinical applications.

Rationale: Request to eliminate one credit hour from this course, making it a 1(0,2) course. Required course clock hours currently exceeds necessary time required to deliver course objectives.

There are no programs that list PHT 5125L.

**PHT 5260L Patient Care Skills Lab 1(0,2)
2(0,4) CR: Patient Care Skills. PHT 5260.**

Skills of patient care, transfers, mobility skills.

: Request to add one credit hour from this course, making it a 2(0,4) from a 1(0,2). Required course clock hours currently does not allow for necessary time required to deliver course objectives.

There are no programs that list PHT 5260L.

**PHT 5718 Neurological Physical Therapy 2(2,0)
3(3,0) CR: Neurological Physical Therapy Lab. PHT 5718L.**

Analysis of selected neuromotor theories and their clinical applications. Examinations and interventions for the evaluation and treatment of neurological patients presented.

Rationale: Request to add one credit hour from this course, making it a 3(3,0) from a 2(2,0). Current clock hours do not allow adequate time required to deliver course objectives. There are no programs that list PHT 5718.

PHT 6156C	Applied Human Physiology for Health Sciences	5(3,2)
PHT 6156		3(3,0)

PR: Admission to the Doctor of Physical Therapy program.

Course provides in-depth study of human cardiovascular, hemopoietic, respiratory, gastrointestinal, renal and reproductive systems with emphasis on mechanisms responsible for maintaining homeostasis.

Term Offered: ~~Fall~~ Summer

Rationale: The proposed change is to change this course into lecture only and to create a new course for the lab component. (PHT 6156 Applied Human Physiology, and PHT 6XXXL Physiologic Assessment in Physical Therapy Practice lab). Course is currently structured as a course, however, it functions as two independent courses a separate lecture, and lab with two instructors of record (one for lecture, one for lab) as well as two class meet times and dates. Separating lecture and lab into two components will allow for faculty to increase focus areas of physiologic systems that are more relevant to physical therapy and rehabilitation sciences. Students have expressed frustration with current structure, as one grade is earned despite the content being delivered, practiced, and scored using separate/unique methods, parameters, instructors, and expectations.

There are no programs that list PHT 6156C.

PHT 6219	Theories and Procedures II	2(2,0) 1(1,0) PR:
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~~Theories PHT 5218 and Procedures I and lab; PHT 5218L: CR: Theories and Procedures II Lab- PHT 6219L.~~

Continuation of Theories and Procedures I. Focus on electrodiagnosis and electrophysiologic examinations and the interventions used in the treatment of pain and dysfunction.

Rationale: Request to remove one credit hour from this course, making it a 1(1,0) from a 2(2,0). Required course clock hours currently exceeds necessary time required to deliver course objectives.

There are no programs that list PHT 6219.

PHT 6242	Orthopedic Physical Therapy	2(2,0) 3(3,0) CR: Orthopedic Physical Therapy Lab- PHT 6242L.
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Examination and interventions for the evaluation and treatment of specific orthopedic cases and injuries presented.

Planning, organizing, delivering and evaluating physical therapy services within a health care system, including quality management, third party payers, DRG's and legislative impact.
Rationale: Request to remove one credit hour from this course, making it a 2(2,0) from a 3(3,0). Required course clock hours currently exceeds necessary time required to deliver course objectives.

There are no programs that list PHT 6521.

PHT 6720 **~~Wound Care and Professional Issues~~** **1(1,0)**
Integumentary Physical Therapy

PR: Admission to Physical Therapy program.

Instruction in contemporary issues and specialized care of the integumentary system provided by physical therapists and in professional issues relevant to the contemporary practice. therapists.

Abbrev (16 of 30): ~~Wound Care and Prof Issues Integumentary PT~~

Rationale: Professional issues content is covered in PHT 7021 Professional Practice in Physical Therapy and the updated name better reflects the current content of this course. Integumentary issues such as pathologies and wound care need more emphasis in the curriculum as content in the UCF DPT program under-represents this area of PT clinical practice. There are no programs that list PHT 6720.

PHT 6805C **Clinical Education I** **~~3(1,15)~~**
4(1,20) PR:

Admission to DPT program.

Collaborative course where students meet to analyze, synthesize and discuss current professional, ethical and moral decision-making in physical therapy setting, culminating in a sixweek clinical internship. Graded S/U.

Rationale: Request to add one credit hour for this course, making it a 4(1,20) from a 3(1,15). Moving from a 6-week full-time internship to an 8-week full-time internship to better reflect the current national average for total clinical education weeks for the entry-level DPT education programs. UCF currently has 34 weeks of full-time clinical education, whereas the national average is currently 36 weeks. Change is related to feedback from clinicians, students, and program advisory board.

There are no programs that list PHT 6805C.

PHT 7134C **Physical Therapy Integration II** **2(2,1)**
Physical Therapy Integration PR:

~~PHT 7722C—Physical Therapy Integration I.~~ 7722C.

This course ~~focuses on~~ integrates foundational knowledge of physiology and pathology to develop physical therapy skills for examinations and interventions for the evaluation of medically complex patients and treatment of the spine. Various theoretical models explored. Case studies are used for integration of clinical information. special populations.

Abbrev (28 of 30): ~~Physical Therapy Integratn II~~ Physical Therapy Integration

Rationale: Request to update course name and description to better reflect the focus of the course which has evolved to emphasize the PT care of medically complex and special populations. Topic areas include orthotics & prosthetics, oncology, lymphedema, among others.
There are no programs that list PHT 7134C.

~~PHT 7521C~~ Management of Physical Therapy Services II ~~2(2,1)~~ PHT 7521 2(2,0)

PR: PHT 6521.

Application of management, finance and economic health-related principles for strategy development, implementation and assessment for the physical therapy manager.

Rationale: Request to remove lab component for this course and convert to 2(2,0) lecture only course. Course content is presented in lecture form only, with no need for a lab component.

There are no programs that list PHT 7521C.

**PHT 7721C ~~Advanced Orthopedic Physical Therapy II~~ 1(1,1)
Integrations in Orthopedic Physical Therapy**

PR: PHT 6716C.

Designed to correlate all previous coursework in curriculum in study presentations. Advanced evaluation procedures included. Advanced knowledge of differential diagnosis in the orthopedic patient covered.

Abbrev (29 of 30): ~~Advanced Orthopedic PT II~~ Integrations in Orthopedic PT

Rationale: Request to update name of the course to better reflect the focus which is designed to bring it all together, integrating previous course work in orthopedic physical therapy. There are no programs that list PHT 7721C.

**PHT 7722C ~~Physical Therapy Integration I~~ 2(2,1)
Integrative Clinical Practice PR:**

Admission to DPT program.

This course emphasizes the synthesis of clinical and differential diagnostic skills required of a physical therapist ~~when deciding if physical therapy care is appropriate.~~ in order to enter clinical practice.

Abbrev (29 of 30): ~~Physical Therapy Integration I~~ Integrative Clinical Practice Term

Offered: ~~Fall~~ Summer

Rationale: Request to update course name (from Physical Therapy Integration I) and description to better reflect the evolved nature of this course as a preparatory course for the first clinical internship. Name change better describes focus of the course on clinical practice in physical therapy. The core focus is not differential diagnosis as other course in curriculum solely focuses on this area.

There are no programs that list PHT 7722C.

**PHT 7780C ~~Advanced Gerontology in Physical Therapy~~ 1(1,1)
Advanced Geriatric Physical Therapy**

PR: PHT 6374C.

~~In depth discussion of physical therapist's role with elderly population. Includes examination, evaluation and development of intervention programs focusing on exercise, prevention, education and modification programs.~~ Advanced topics in geriatric rehabilitation.

Abbrev (21 of 30): ~~Advanced Gerontology in PT~~ Advanced Geriatric PT

Rationale: Request to update course name (previously Advanced Gerontology in Physical Therapy) and description to be in better alignment with current professional language and course objectives.

There are no programs that list PHT 7780C.

PHT 7822C **~~Advanced Clinical Education I~~** **6(1,40)**

Clinical Education II PR:

Admission to the Doctor of Physical Therapy program.

Collaborative course for third year students to meet, analyze, synthesize and discuss current ethical, legal, and moral decision-making in physical therapy clinical setting culminating in internship. Graded S/U.

Abbrev (21 of 30): ~~Advanced Clinical Education I-Clinical Education II~~

Rationale: In an attempt to better streamline the clinical education internship courses, the program would like to update the course names as follows: PHT 6805 Clinical Education I (NO CHANGE) PHT 7822; CLINICAL EDUCATION II PHT 7823; Clinical Education III PHT 7829; Clinical Education IV

There are no programs that list PHT 7822C.

PHT 7823C **~~Advanced Clinical Education II~~** **4(1,20)**

Clinical Education III PR:

PHT 7822C.

Clinical education course to synthesize ethical, legal, and professional contemporary practice with evidence-based intervention, culminating in a full-time, 8-week clinical internship in physical therapy practice setting. Graded S/U.

Abbrev (22 of 30): ~~Advanced Clinical Ed II-Clinical Education III~~

Rationale: In an attempt to better streamline the clinical education internship courses, the program would like to update the course names as follows: PHT 6805 Clinical Education I (NO CHANGE) PHT 7822 Clinical Education II PHT 7823 CLINICAL EDUCATION III PHT 7829 Clinical Education IV

There are no programs that list PHT 7823C.

PHT 7829C **~~Advanced Clinical Education III~~** **4(1,20)**

Clinical Education IV PR:

PHT 7823C.

Clinical education course to synthesize ethical, legal, and professional contemporary practice with evidence-based intervention, culminating in a full-time, terminal 8-week clinical internship in physical therapy practice setting prior to graduation. Graded S/U.

Abbrev (21 of 30): ~~Advanced Clinical Ed III-Clinical Education IV~~

Rationale: In an attempt to better streamline the clinical education internship courses, the program would like to update the course names as follows: PHT 6805 Clinical Education I (NO CHANGE) PHT 7822 Clinical Education II PHT 7823; Clinical Education III PHT 7829 CLINICAL EDUCATION IV

There are no programs that list PHT 7829C.

PAF 7325 **Policy and Program Evaluation for Public Affairs** **3(3,0)**

PR: Admission to Public Affairs Ph.D. or C.I. PR: PAF 7802 and PAF 7804.

Course is designed to use empirical information to assess the effectiveness of policies and programs in public and nonprofit settings. There are no programs that list PAF 7325.

SOW 5538 ~~Full-Time MSW Generalist Field Education and Seminar I~~ ~~3(3,0)~~
~~Full-time MSW Generalist Field Integrative Seminar I~~ ~~1(1,0)~~

PR: Admission to Master of Social Work program or C.I.; CR: SOW ~~5305~~. 5305 and SOW 5940.
Field education seminar for full-time MSW generalist students; ~~includes seminar and supervised practice of social work in an agency for 200 clock hours. Graded S/U. students~~

Abbrev (30 of 30): ~~FT MSW General Field/Seminar I~~ **FT MSW General Field Seminar I**

Graded SU: Yes No

There are no programs that list SOW 5538.

SOW 5539 ~~Full-Time MSW Generalist Field Education and Seminar II~~ ~~3(3,0)~~
~~Full-Time MSW Generalist Field Integrative Seminar II~~ ~~1(1,0)~~

PR: SOW 5538; CR: SOW ~~5306~~. 5306 and SOW 5940.

Field education seminar for full-time Master of Social Work generalist students; ~~includes seminar and supervised practice of social work in an agency for 200 clock hours. Graded S/U. students~~

Abbrev (30 of 30): ~~FT MSW General Field/Seminar 2~~ **FT MSW General Field Seminar 2**

Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.

There are no programs that list SOW 5539.

SOW 5565 ~~Part-Time MSW Generalist Field Education and Seminar I~~ ~~2(2,0)~~
~~Part-Time MSW Generalist Field Integrative Seminar I~~ ~~1(1,0)~~

PR: SOW 5305; CR SOW ~~5306~~. 5306 and SOW 5940.

Field education seminar course for part-time Master of Social Work MSW generalist students; ~~includes seminar and supervised practice of social work in an agency for 150 clock hours. Graded S/U. students.~~

Abbrev (30 of 30): ~~PT MSW General Field/Seminar 1~~ **PT MSW General Field Seminar 1**

Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.

There are no programs that list SOW 5565.

Part-Time MSW Generalist Field Education

SOW 5566 **and Seminar II** **2(2,0)**
Part-Time MSW Generalist Field Integrative
Seminar II **1(1,0)**

PR: SOW 5565; CR: SOW 5306. 5940.
 Field Education education seminar for part-time Master of Social Work MSW generalist students; includes seminar and supervised practice of social work in an agency for 150 clock hours. Graded S/U. students

Abbrev (30 of 30): PT MSW General Field/Seminar 2-PT MSW General Field Seminar 2
 Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.
There are no programs that list SOW 5566.

SOW 5567 ~~**Part-Time MSW Generalist Field Education**~~
~~**and Seminar III**~~ ~~**2(2,0)**~~
Part-Time MSW Generalist Field Integrative
Seminar III **1(1,0)**

PR: SOW 5566. CR: SOW 5940.
 Field Education education seminar course for part-time Master of Social Work MSW generalist students; includes seminar and supervised practice of social work in an agency for 100 clock hours. Graded S/U. students

Abbrev (30 of 30): PT MSW General Field/Seminar 3-PT MSW General Field Seminar 3
 Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.
There are no programs that list SOW 5567.

SOW 6531 ~~**Full Time MSW Clinical Field Education and**~~
~~**Seminar I**~~ ~~**4(4,0)**~~
Full Time MSW Clinical Field Integrative
Seminar I **2(2,0)**

PR: SOW 6123 and SOW 6424. CR: SOW 6940.
 Field education seminar for full-time Master of Social Work students; includes seminar and supervised practice of social work in an agency for 300 clock hours. Graded S/U. students.

Abbrev (29 of 30): FT MSW CLIN Field/Seminar I-FT MSW Clinic Field Seminar I Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the

existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.
There are no programs that list SOW 6531.

SOW 6536	Full Time MSW Clinical Field Education and Seminar II	4(4,0)
	Full Time MSW Clinical Field Integrative Seminar II	2(2,0)

PR: SOW 6531. CR: SOW 6940.

~~Field Clinical field education seminar for full-time Master of Social Work clinical students; includes seminar and supervised practice of social work in an agency for 300 clock hours. Graded S/U. students~~

~~**Abbrev (29 of 30): FT MSW Clin Field/Seminar II FT MSW Clinic Field Seminar 2**~~

Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.

There are no programs that list SOW 6536.

SOW 6561	Part-Time MSW Clinical Field Education and Seminar I	3(3,0)
	Part-Time MSW Clinical Field Integrative Seminar I	2(2,0)

PR: ~~SOW 5567;~~ SOW 6123 and SOW 6424. CR: SOW 6940.

~~Field education seminar for part-time Master of Social Work students; includes seminar and supervised practice of social work in an agency for 225 clock hours. Graded S/U. students.~~

~~**Abbrev (29 of 30): PT MSW Clin Field/Seminar I PT MSW Clinic Field Seminar I**~~ Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.

There are no programs that list SOW 6561.

SOW 6562	Part Time MSW Clinical Field Education and Seminar II	3(3,0)
	Part Time MSW Clinical Field Integrative Seminar II	1(1,0)

PR: SOW 6561. CR: SOW 6940.

~~Field seminar education for part time Master of Social Work clinical students; includes seminar and supervised practice of social work in an agency for 225 clock hours. Graded S/U. students.~~

Abbrev (29 of 30): ~~PT MSW Clin Field/Seminar II~~ PT MSW Clinic Field Seminar 2 Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.

There are no programs that list SOW 6562.

SOW 6563	Part-Time MSW Clinical Field Education and Seminar III Part-Time MSW Clinical Field Integrative Seminar III	2(2,0) 1(1,0)
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PR: SOW 6562. CR: SOW 6940.

Field education seminar for part-time MSW clinical ~~students; includes seminar and supervised practice of social work in an agency for 150 clock hours. Graded S/U.~~ students.

Abbrev (29 of 30): ~~PT MSW Clin Field/Seminar III~~ PT MSW Clinic Field Seminar 3

Graded SU: Yes No

Rationale: The current course structure for the Generalist Field courses (Full-time and Part-time) combines the field hours and classroom seminar in one course. A new Generalist Field course was created to separate the field component and allow for pass/fail grading. Therefore, the existing classes are being restructured to remove the field component and change the now Seminar-only course to letter grading.

There are no programs that list SOW 6563.

SOW 5149 SOW 6XXX	Military and Veteran Culture with Historical Frameworks Military Culture and Social Work Practice	3(3,0)
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PR: Admission to Master of Social Work program or C.I.

~~Thorough analysis~~ Provides a detailed overview of the practice of social work with these military connected clients, families, and veteran systems. Provides the frameworks to assist social workers in better understanding, communicating and practicing with veterans and their families. communities.

Abbrev (29 of 30): ~~Military & Vet Cult Hist Frame~~ Military Culture and SW Pract

Term Offered: Fall, Spring, Summer

Rationale: The faculty of the School of Social Work has a military certificate. This objectives of this course has been elevated to include more clinical practice material. The name has been changed to reflect the clinical nature of the class. There are no programs that list SOW 5149.

College of Medicine Course Revisions-Approved

Course is a continuation from the 5-year review of courses.

MCB 5654C	Applied Industrial Microbiology	3(1,6)
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PR: MCB 3020C, BSC 3403C or C.I.

Combination of molecular and biochemical analyses with applied industrial microbiology projects. Rationale: We are planning to submit a Track in Applied Industrial Microbiology under our Biotechnology B. S. degree program at the UPCC meeting in January. Although this course is at the graduate level, having the ability to offer this course as an elective and to use this course to potentially develop an Applied graduate program is vital to our new undergraduate track. Therefore we ask that this course be maintained for these purposes. There is 1 program that lists MCB 5654C: Biotechnology (B.S.)

Course is a continuation from the 5-year review of courses.

MCB 5932 **Current Topics in Molecular Biology** **VAR(VAR,VAR)**

PR: Graduate standing or C.I.

Selected current research topics from the primary literature reflecting recent advances in molecular biology. May be repeated for credit.

Rationale: We had developed this course with a focus on neuroscience several years ago based on the last reported syllabus. We have developed several other courses in this area and had them approved. This course description is however quite general, and given the need to be able to offer a course at the graduate level in Molecular Biology, we would prefer to have this course available for new faculty that have arrived in our School in the past 2 years, and thus ask for the course to be continued in the catalog.

There are 2 programs that list MCB 5932: Biotechnology (B.S.), Biomedical Sciences (B.S.)

Course is a continuation from the 5-year review of courses.

MCB 6226 **Molecular Diagnostics** **3(3,0)**

PR: PCB 3522, PCB 4524 and MCB 5225 or C.I.

A course in basic laboratory skills used in molecular genetic or clinical diagnostic laboratories for detecting genetic diseases.

Rationale: The course in Molecular Diagnostics has not been offered in some time due to the primary instructors of the course (Dr. Karl Chai and Dr. Jane Gibson) being involved in several other courses and even medical education. We have updated the syllabus and would like to have the opportunity to continue to offer this 6000 level course in a very relevant area today. The field is quite rapid and thus we have proposed to have the course be based on primary literature given the 6000 level nature of the course.

There are no programs that list MCB 6226.

Course is a continuation from the 5-year review of courses.

MCB 6417C **Microbial Metabolism** **3(3,0)**

PR: C.I.

Relationship between microbial metabolism and principal cellular activities, emphasizing transport, respiration, differentiation, and synthesis.

Rationale: Unfortunately the primary reason this course has not been offered is due to the fact that the last faculty member who taught and developed the course has been teaching a large section of the undergraduate course (MCB 4414). We have recently hired faculty with similar expertise, thus we would ask to keep the course for our graduate programs. We also are in need of more 6000 level courses for our doctoral students and thus we intend to teach this course to help fulfill that need.

There are no programs that list MCB 6417C.

Course is a continuation from the 5-year review of courses.

PCB 5275 **Signal Transduction Mechanics** **3(3,0)**

PR: PCB 3522 and PCB 4524.

A course emphasizing various signal transduction cascades used in mammalian cells to control growth and differentiation. Discussion of original research papers will occur.

Rationale: This course was taught by a cell biologist who has moved to teaching another course, and this explains the long drought in which we have not offered the course. This faculty member began teaching a neuroscience course that was developed, however we recently have hired faculty who are now teaching the neuroscience course and plan to return to teaching this course within the next 2 years. Again, we are expanding our graduate faculty and would rather use existing courses to synergize our faculty interests in teaching rather than design new courses. Therefore we ask that this course be maintained for these purposes.

There are 3 programs that list PCB 5275: Biotechnology (B.S.), Biomedical Sciences (B.S.), Biomedical Sciences - Molecular and Cellular Biology Track (B.S.)

Course is a continuation from the 5-year review of courses.

PCB 6595 **Regulation of Gene Expression** **3(3,0)**

PR: Advanced course in molecular biology of BSC 6407C.

Concepts of molecular biology focusing on major areas in transcriptional and translational processes.

Rationale: Unfortunately the primary reason this course has not been offered is due to the fact that the last faculty member who taught and developed the course left UCF to go to the FDA. We have new faculty who have been hired but who have not yet been assigned teaching that are good candidates to teach this course, thus we would ask to keep the course for our graduate programs. We also are in need of more 6000 level courses for our doctoral students and thus we intend to teach this course to help fulfill that need. There are no programs that list PCB 6595.

ZOO 5745C **Essentials of Neuroanatomy
Neuroanatomical Pathways and their
Neurotransmitters** **4(3,3)**

PR: Human/Comparative Anatomy, or Human/Animal Physiology or C.I.

Fundamental concepts of both morphological and functional organization of the nervous system. Primary emphasis on human structure.

Abbrev (52 of 30): ~~Essentials of Neuroanatomy~~ Neuroanatomical Pathways and their Neurotransmitters

Rationale: This course has not been taught due to a lack of faculty time to do so; we have recently had a faculty member who was teaching anatomy leave, but have also recently hired new faculty members who will likely be able to teach this course. We also have a new Track in Neuroscience at the undergraduate level and one at the graduate level, so we would ask that the course be retained to support potentially both programs given that it is at the 5000 level. There is 1 program that lists ZOO 5745C: Biomedical Sciences (B.S.)

College of Sciences Course Deletions-Approved

All courses in College approved unless otherwise noted.

MMC 6402 **COS-COMM** **3(3,0)**

Mass Communication Theory A study of mass communication theory and research traditions.

Discussion with others: n/a

Rationale: With the elimination of tracks, revised the core curriculum to include the proposed new course COM 6xxx Communication Theory which will replace the more narrow Mass Communication Theory and Modern Communication Theory that were previously required in the appropriate track.

There are no programs that list MMC 6402.

SPC 6219 **COS-COMM** **3(3,0)**

Modern Communication Theory Comparative analysis of theories and models of human communication, behavior systems, encoding and decoding processes, interaction variables, and social context.

Discussion with others: n/a

Rationale: With the elimination of tracks, revised the core curriculum to include the proposed new course COM 6xxx Communication Theory which will replace the more narrow Mass Communication Theory and Modern Communication Theory that were previously required in the appropriate track.

There are no programs that list SPC 6219.

5. Course Continuations-Approved

College of Education and Human Performance Course Continuations

All courses in College approved unless otherwise noted.

EDH 7638 **ED-CFCS** **3(3,0)**

Advanced Seminar in Higher Education PR: Doctoral standing or C.I. Course explores "the enduring enigmas" in Higher Education, those long-contested controversies forging the patterns and traditions of our colleges and universities.

Rationale: The EdD in Educational Leadership--Higher Education track intends to use this course in its program.

There are no programs that list EDH 7638.

GEY 5600 **ED-CFCS** **3(3,0)**

Physiology of Aging PR: BSC 2010C or PCB 3703C or APK 4110C or equivalent. The purpose of this course is to develop the student's understanding of the effects of human aging on various body systems.

Rationale: Program area faculty have determined that this course should be continued.
There are no programs that list GEY 5600.

College of Engineering and Computer Science Course Continuations-
Approved

All courses in College approved unless otherwise noted.

EEE 6326C

ECS-MECH/AERO

3(1,2)

MEMS Fabrication Laboratory PR: C.I. Silicon Nitride and Poly-silicon Depositions, Photolithography, Dry and Wet etching processes, Metal depositions and etching, MEMS device design and fabrication.

Rationale: The course has not been offering in 5 years but is currently scheduled for spring 18.
There are no programs that list EEE 6326C.