

Graduate Council Curriculum Committee
November 29, 2017
2:30 p.m., Millican Hall room 395E

Agenda

1. Welcome and call to order
2. Review of minutes from November 15, 2017
3. General business
4. Addition of COHPA Public Policy Analysis Graduate Certificate program effective Fall 2018
5. Revision of COHPA Corrections Leadership Graduate Certificate program effective Summer 2018
6. Revision of CEHP Community College Education Track of Educational Leadership MA program effective Summer 2018
7. Revision of CEHP Community College Education Graduate Certificate program effective Summer 2018
8. Revision of CECS Systems Engineering Graduate Certificate program effective Summer 2018
9. Suspension of CON three Tracks of Master of Science in Nursing MSN program effective Fall 2018
 - Adult-Gerontology Acute Care Nurse Practitioner
 - Adult-Gerontology Primary Care Nurse Practitioner Track
 - Family Nurse Practitioner Track
10. Equipment Fees
11. Courses and special topics
12. Adjournment

Members of the Graduate Council Curriculum Committee

Charles Kelliher, Chair, CBA	Devon Jensen, CGS Liaison
Jim Moharam, Steering Liaison, COP	Mostafa Bassiouni, CECS
Kerry Purmensky, CAH	Joellen Edwards, CON
Elsie Olan, CEHP	Foard Jones, CBA
Jennifer Sandoval, COS	David Hagan, COP
Cheyenne Ro, RCHM	Lynn Hepner, CAH
Art Weeks, CECS	Jana Jasinski, COS

Diane Andrews, CON	Jesse Mendez, CEHP
Steven Ebert, COM	Saleh Naser, COM
Mercedeh Khajavikhan, COP	Youcheng Wang, RCHM
Terrie Sypolt, LIB	Ross Wolf, COHPA
Joshua Troche, COHPA	Andrea Pulido, GSA



Graduate Program Recommendation Form - ADDITIONS ONLY

This form is to be used to ADD degree programs, tracks, or certificate programs. If there are tracks being added to the program, one form may be used for both the program and the track(s).

Please refer to the Graduate Council Curriculum Meeting Schedule for submission deadlines.

Checklist of items to be attached with completed form:

- Complete and current Graduate Catalog copy (www.graduatecatalog.ucf.edu), including description, curriculum, contact information, application requirements, and application deadlines.
- A list of faculty who will participate in the program, track or certificate and their credentials.
- If applicable, a written agreement from all involved units that they are in support of, will provide courses to, or will participate in the program, track, or certificate.
- Course Action Request forms, as needed.
- Library assessment of resources.

College/Unit(s) Submitting Proposal: College of Health and Public Affairs

Proposed Effective Term/Year: Fall 2018

Unit(s) Housing Program: School of Public Administration

Name of program, track and/or certificate: Graduate Certificate in Public Policy Analysis

Please check all that apply. This action affects a: Program Track Certificate

DELIVERY: Program will be delivered: Face to Face UCF Online Mixed Delivery

Will the program be a market tuition rate program? Yes No

Will the program be a cost recovery program? Yes No

Brief description of program and rationale for the addition: **Do not add complete catalog copy here.**

This certificate program is designed for students interested in a range of policy domains, such as urban policy, environmental policy, transportation policy, economic development policy, disaster policy, homeland security policy, and health policy. It prepares graduate students for professional careers as policy analysts and leaders in public service at all levels of government and in the private and nonprofit sectors, with a particular focus on public policy formulation, implementation, and evaluation.

Impact on Current Students

Will students be moved from an existing program, track, or certificate into this new program, track, or certificate? Yes No

If yes, state the name of the program or track where students are currently enrolled and attach a list of students if possible:

Will students have the option to stay in their existing program, track, or certificate? Yes No

If yes, how will current students be impacted by the addition of a program, track or certificate?

This Certificate will offer students an additional body of knowledge to Public Administration students who have interest in Public Policy Analysis.

Future Students

Provide a statement of who is likely to enroll and why. Please state if there is licensure or certification that depends upon this education, etc. Also, complete the following table.

Students in the Master of Public Administration who have keen interest in policy creation and analysis. A career in public service frequently requires some expertise in policy analysis to address issues that are dynamic in nature.

	Year 1	Year 2	Year 3
Headcount	20	35	35
SCHs			

Indicate likely career or student outcomes upon completion: (What will students do? What will their job titles be?)

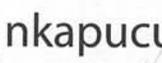
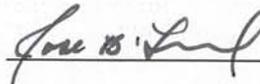
Economic Policy Analyst
 Senior Policy Analyst
 Taxation policy analyst
 Immigration Policy Analyst
 Transportation Policy Analyst

Please complete the following table on financial support: (Specify all forms of support – assistantships, fellowships, and tuition remission.)

	Number of assistantship students	Source of funds	Number of fellowship students (specify fellowship)	Number of tuition remissions	Source of funds
Year 1					
Year 2					
Year 3					

Signature Page

Recommend Approval (all approval levels must be signed)

Department Chair (Print) /Director	<u>Dr. Naim Kapucu</u>	(Signature) <u></u>	Date <u>9/21/2017</u>
College Academic Standards	<u>Ross Wolf</u>	(Signature) <u></u>	Date <u>10/20/17</u>
College Dean	<u>Jose Fernandez</u>	(Signature) <u></u>	Date <u>10/31/17</u>
Graduate Council	(Print) _____	(Signature) _____	Date _____
Graduate Dean	(Print) _____	(Signature) _____	Date _____

Digitally signed by nkapucu
DN: dc=edu, dc=ucf, dc=net,
ou=People, cn=nkapucu,
email=kapucu@ucf.edu
Date: 2017.09.21 09:06:54 -0400

Approval

Provost and Executive Vice President: _____ Date _____

Distribution: After approval is received from the Provost, distribution will be to:

Department(s); College; Registrar; Associate Registrar; Institutional Knowledge Management; Academic Services; College of Graduate Studies

Graduate Certificate In Public Policy Analysis

PROGRAM DESCRIPTION

Policy Analysis that is primarily designed to complement the Master of Public Administration (MPA) program by providing a formalized path for students to specialize in public policy analysis. This certificate program is designed for students interested in a range of policy domains, such as urban policy, environmental policy, transportation policy, economic development policy, disaster policy, homeland security policy, and health policy. It prepares graduate students for professional careers as policy analysts and leaders in public service at all levels of government and in the private and nonprofit sectors, with a particular focus on public policy formulation, implementation, and evaluation.

CURRICULUM

The Graduate Certificate in Public Policy Analysis is comprised of 18 credit hours of graduate courses, including four required courses and two electives. This certificate prepares students for professional careers in Public Policy Analysis.

Total Credit Hours Required:

18 Credit Hours Minimum beyond the Bachelor's Degree

Required Courses—12 Credit Hours

- PAD 6035 Public Administration in the Policy Process
- PAD 6307 Public Policy Analysis & Management
- PAD 6616 Economic Principles for Public Policy and Management
- PAD 6327 Public Program Evaluation Techniques

Electives—6 Credit Hours

Choose two courses from the following list.

PAD 6238	Revenue Policy and Administration
PAD 6701	Analytic Techniques for Public Administration
PAD 6829	Network Analysis in Public Policy & Management
PAD 5356	Managing Community & Economic Development
PAD 6387	Transportation Policy
PAD 6353	Environmental Planning & Policy
PUP 6007	Public Policy Analysis
CCJ 6106	Policy Analysis in Criminal Justice
PHC 6146	Health Planning and Policy

Application Requirements

Admission is open to those with a bachelor's degree from a regionally accredited institution. An application to the graduate certificate program and official transcripts must be submitted. Applicants must [apply online](#). All requested materials must be submitted by the established deadline.

All applicants to this certificate program will be required to submit:

- An official transcript in a sealed envelop from each college/university attended, showing a GPA of 2.5 or better on a 4.0 scale.
- A current, professional resume.
- Statement of Goals: This is a key component of the admission review process and serves as an example of the applicant's ability to express him or herself in writing. The goal statement must be no longer than two pages and should address the following:
 - What is your reason for pursuing graduate study in Public Policy Analysis, including your future goals and plans?
 - What specific areas of Public Policy Analysis interest you?
 - Any previous work experience in the field.
- Applicants applying to this program who have attended a college/university outside the United States must provide a course-by-course credential evaluation with GPA calculation. Credential evaluations are accepted from [World Education Services \(WES\)](#) or [Josef Silny and Associates, Inc.](#) only.

Materials received after the established deadline may not be considered. Admission to this certificate is competitive; applicants meeting the minimum application requirements are not guaranteed admission to the program.

Application Deadlines

Public Policy Analysis Graduate Certificate	*Fall Priority	Fall	Spring	Summer
Domestic Applicants	-	Jun 15	Nov 1	-
International Applicants	-	-	-	-
International Transfer Applicants	-	-	-	-

*Applicants who plan to enroll full time in a degree program and who wish to be considered for university fellowships or assistantships should apply by the Fall Priority date.

Memo

To: Dr. Naim Kapucu, Director, School of Public Administration
Dr. Qian Hu, Associate Professor, School of Public Administration
Dr. Ross Wolf, Associate Dean, Academic Affairs & Technology
Dr. Devon Jensen, Associate Dean, College of Graduate Studies
Mr. Barry Baker, Director of Libraries
Ms. Ying Zhang, Head, Acquisitions & Collections
Ms. Sara Duff, Acquisitions & Collections Assessment Librarian

From: Corinne Bishop, Social Sciences & Graduate Outreach Librarian

Date: November 21, 2017

Subject: Library Evaluation for proposal to add *Graduate Certificate in Public Policy Analysis* in the College of Public Affairs, School of Public Administration

This memorandum is submitted for review and approval. As requested by Dr. Naim Kapucu, Director at the School of Public Administration and Dr. Qian Hu, Associate Professor, School of Public Administration, this analysis was conducted to evaluate the University of Central Florida (UCF) Libraries' resources to support a new Public Policy Analysis Graduate Certificate.

Analysis

This analysis provides resource comparisons with peer institutions to evaluate current holdings for monographs, periodicals, and databases. To complete the analysis, the expertise and assistance of fellow UCF Librarians Sara Duff and Ying Zhang, was also solicited, which significantly added to the overall evaluation.

Projected Costs for New Library Resources

The Libraries' monograph, periodical, and database holdings appear to meet the current needs for the proposed graduate certificate, and therefore no additional cost for library materials or subscription costs are requested.

However, should any new key journals or databases become critical for the graduate certificate, or should the certificate shift to a full track or program in the future, additional recurring funding will need to be provided to the Libraries to add these resources. Also note that in the unfortunate event of library budget shortfalls, some existing resource subscriptions may be cut or scaled back.

Peer Comparisons

This analysis provides a summary of the UCF Libraries' holdings and those held at peer institutions (full analysis below). To review library support for the proposed graduate certificate, the following institutions were selected for comparison. Print and electronic resources focusing on policy sciences, public policy analysis, public administration, and related areas were examined.

Florida State University was selected as a comparable institution in the State of Florida due to their master's certificate programs in Public Administration. George Mason University and the University of Kentucky were selected as out-of-state institutions with comparable master's certificate programs.

- Florida State University (FSU)
- University of Kentucky (UKY)
- George Mason University (GMU)

Recurring Subscriptions Supporting the Proposed Graduate Certificate in Public Policy Analysis

Key Databases

The following databases covering public policy analysis, public administration, and related areas were compared. The UCF Libraries database list compares very favorably with the chosen institutions, and we have sufficient database coverage needed to support the new graduate certificate.

Databases	UCF	FSU	GMU	UKY
ABI/INFORM (ProQuest)	X	X	X	-
Business Source Premier/Complete (EBSCOhost)	X	X	X	X
EconLit	X	X	X	X
ICSPR Inter-University Consortium for Political & Social Research	X	-	X	X
JSTOR	X	X	X	X
PAIS International	X	X	X	X
PolicyFile	X	-	X	-
ProQuest Congressional	X	X	X	X
ProQuest Social Sciences	X	X	X	X
Web of Science	X	X	X	X

Key Journals

The following key journals covering public policy analysis, public administration, and related areas were compared. The UCF Libraries journal list compares very favorably with the chosen institutions and includes journals needed to support the new graduate certificate.

Journal Titles	UCF	FSU	GMU	UKY
Administration & Society	X	X	X	X
American Review of Public Administration	X	X	X	X
Governance An International Journal of Policy & Administration	X	X	X	-
Journal of Policy Analysis and Management	X	X	X	X
Journal of Public Administration Research & Theory	X	X	X	X
Journal of Social Policy	X	X	X	X
Policy Sciences	X	X	X	X
Policy Studies Journal	X	X	X	X
Public Administration	X	X	X	X
Public Administration Review	X	X	X	X
Public Management Review	X	X	X	X
Public Policy & Administration	X	X	X	X

Non-Recurring Monographs

Most monographs related to public policy analysis are located in the following Library of Congress Call Number ranges.

H 1-99	Social Sciences (general)
HG 8111-8123	Government Policy
HJ 9-9940	Public Finance
HJ 9103-9695	Local Finance, Municipal Finance
HJ 9701-9940	Public Accounting
HV 1-9960	Social & Public Welfare
JF 20-2112	Political Institutions & Public Administration
JK 1-993	Political Institutions & Public Administration (United States)

Monographs

The following subject keywords were used to conduct searches and compare holdings in the respective institutions' library catalogs. An analysis of the monograph collections shows that the UCF Libraries compares favorably with the chosen institutions for book and ebook holdings in the areas of public policy analysis and related public administration areas.

Subject Headings	UCF	FSU	GMU	UKY
Policy Sciences	710	691	831	642
Political Planning	309	393	388	378
Public Administration – United States	222	204	237	287
Public Finance	434	485	229	256
Public Policy Law	14	59	19	15
Public Welfare – United States	1321	1407	1026	1206
United States – Politics and Government	5097	5562	2519	8904
United States – Social Policy	753	707	845	838
Total	8860	9508	6094	12526

Analysis Summary

This analysis provides a snapshot of the UCF Libraries' monographs and database and journal subscriptions. It reflects comparable holdings to those of peer institutions and provides adequate coverage for the new graduate certificate.

Submitted by,

Corinne Bishop, Ed.D., M.L.I.S.
Graduate Outreach & Social Sciences Librarian
University of Central Florida Libraries
corinne.bishop@ucf.edu

APPENDIX B

Please include the signature of the Equal Opportunity Officer and the Library Director.

Signature of Equal Opportunity Officer

Date



Signature of Library Director

Nov 21, 2017

Date

This appendix was created to facilitate the collection of signatures in support of the proposal. Signatures in this section illustrate that the Equal Opportunity Officer has reviewed section II.E of the proposal and the Library Director has reviewed sections X.A and X.B.



Graduate Program Recommendation Form - REVISIONS ONLY

This form is to be used to **REVISE** degree programs, tracks, or certificate programs. If there are changes to a program and the changes will also affect the program tracks, one form may be used for both the program and the track(s).

Please refer to the Graduate Council Curriculum Meeting Schedule for submission deadlines.

Checklist of items to be attached with completed form:

- Complete and current Graduate Catalog copy (www.graduatematerials.ucf.edu), including description, curriculum, contact information, application requirements, and application deadlines. **Use Track Changes in Word to show revisions.**
- A list of faculty who will participate in the program, track or certificate and their credentials.
- All course action requests that will be needed to implement the curriculum changes.
- If applicable, a written agreement from all involved units that they are in support of the revisions.

College/Unit(s) Submitting Proposal: COHPA

Proposed Effective Term/Year: 2018

Unit(s) Housing Program: Criminal Justice

Name of program, track and/or certificate: Corrections Leadership Certificate

Please check all that apply: This action affects a: Program Track Certificate

If the revision applies to multiple tracks, please list them here:

Brief description of program and rationale of the revision: **Do not add complete catalog copy here.**

A listed elective course, CCJ 6730 Planned Changed and Innovation in CJ, has not been offered in 5 years. It is very rarely requested by students and the faculty member who developed the course is retiring this academic year. The CJ grad program committee would like to allow the course to expire and delete it from the Corrections Leadership certificate elective options. There are several other electives for students to choose from.

Briefly list curriculum changes in bullet format. If there are changes to the credit hours of the program, required courses or other requirements, please state those changes. **Remember to attach the catalog copy showing changes, using Track Changes in Word.**

Delete CCJ 6730 from elective options

Name Change

Are you changing the name of an existing program, track, or certificate? Yes No

If yes, provide the new name of the program, track, or certificate: _____

A proposed name change will apply to the record of all students who are currently enrolled, readmitted or newly admitted into this program as of the effective date of this change.

If you are ONLY making a name change, skip the "Impact on Current Students" section.

Impact on Current Students

Will students be moved from an existing program, track, or certificate into this new program, track, or certificate? Yes No

If yes, state the name of the program or track where students are currently enrolled and attach a list of students if possible:

Will students have the option to stay in their existing program, track, or certificate? Yes No

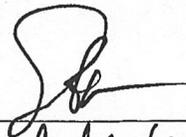
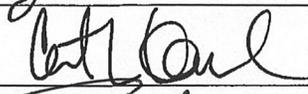
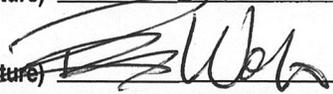
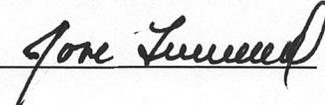
If yes, how will current students be impacted by this change?

If there are substantial revisions, please complete the following table on financial support: (Specify all forms of support – assistantships, fellowships, and tuition remission.)

	Number of assistantship students	Source of funds	Number of fellowship students (specify fellowship)	Number of tuition remissions	Source of funds
Year 1					
Year 2					
Year 3					

Signature Page

Recommend Approval (all approval levels must be signed)

Graduate Faculty (Print) EUGENE A. PASOUR III (Signature)  Date 10-16-17
Program Coordinator
Department Chair (Print) Catherine Kautkin (Signature)  Date 10-16-17
/Director
College Academic (Print) Ross Wolf (Signature)  Date 11/15/17
Standards
College Dean (Print) Jose Fernandez (Signature)  Date 11/15/17
Graduate Council (Print) _____ (Signature) _____ Date _____

Vice President for Research and Dean of the College of Graduate Studies

(Print) _____ (Signature) _____ Date _____

Approval

Provost and Executive Vice President _____ Date _____

Distribution: After approval is received from the Provost, distribution will be to:

Department(s); College; Registrar; Associate Registrar; Institutional Knowledge Management; Academic Services; College of Graduate Studies



GRADUATE CERTIFICATE IN CORRECTIONS LEADERSHIP

Leaders of correctional facilities and programs, private, state, and federal, should be prepared to meet the challenges of changing policies and effectively deal with the management of budgets, grants, cooperative agreements and other inter-governmental projects. The Graduate Certificate in Corrections Leadership is designed to provide a theoretical and practical knowledge-base for correctional practitioners in criminal justice, public administration and social work.

Program Requirements – 12 Credit Hours

Students must complete two courses (6 credit hours) in core curriculum and two courses (6 credit hours) from the list of approved electives.

I. Core Required Curriculum - 6 credits hours

- CJC 5020 Foundations of Corrections
- CCJ 5456 Administration of Justice

II. Electives (6 credit hours) *Select two*

- CCJ 6106 Policy Analysis in Criminal Justice
- CCJ 6335 Criminal Justice Sentencing and Punishment Policy
- CCJ 6051 Community Justice
- ~~CCJ 6730 Planned Change and Innovation in Criminal Justice~~
- CCJ 6431 Leadership and Ethics in Criminal Justice
- CCJ 6118 Criminal Justice Organizations
- CCJ 5015 Nature of Crime
- CJL 6568 Law and Social Control
- PAD 6417 Human Resource Management
- SOW 6712 Interventions with Substance Abusers

Application and Admission

Admission is open to those with a bachelor's degree from a regionally accredited institution. An application to the graduate certificate program and official transcripts must be submitted. Applicants apply online at www.application.graduate.ucf.edu.

Applications to this certificate program must be received prior to the following deadlines.

Fall Semester July 15 th	Spring Semester December 1 st	Summer Semester April 15 th
----------------------------------------	---------------------------------------------	-------------------------------------------

For the most complete, up-to-date certificate program requirements, see the official UCF graduate catalogue at www.graduatecatalog.ucf.edu

Questions? Contact

Criminal Justice Graduate Advising Office 407-823-2603 or lexis.ritz@ucf.edu

Department of Criminal Justice www.cohpa.UCF.edu/criminaljustice



Graduate Program Recommendation Form - REVISIONS ONLY

This form is to be used to **REVISE** degree programs, tracks, or certificate programs. If there are changes to a program and the changes will also affect the program tracks, one form may be used for both the program and the track(s).

Please refer to the Graduate Council Curriculum Meeting Schedule for submission deadlines.

Checklist of items to be attached with completed form:

- Complete and current Graduate Catalog copy (www.graduatecatalog.ucf.edu), including description, curriculum, contact information, application requirements, and application deadlines. **Use Track Changes in Word to show revisions.**
- A list of faculty who will participate in the program, track or certificate and their credentials.
- All course action requests that will be needed to implement the curriculum changes.
- If applicable, a written agreement from all involved units that they are in support of the revisions.

College/Unit(s) Submitting Proposal: College of Education and Human Development

Proposed Effective Term/Year: Summer 2018

Unit(s) Housing Program: Dept. of Child, Family and Community Sciences

Name of program, track and/or certificate: Community College Education Track in Ed Leadership M.A.

Please check all that apply: This action affects a: Program Track Certificate

If the revision applies to multiple tracks, please list them here:

Changing the title of the M.A. and the Graduate Certificate and names of 4 core courses.

Brief description of program and rationale of the revision: **Do not add complete catalog copy here.**

~~remove~~
 The proposed name changes are to the names : "Community College" track in Ed. Leadership and the "Community College" Graduate Certificate. Also, four core course titles are being changed. The content of the program is not changing. The removal of the word "community" from the program and courses is fitting since Florida no longer designates "community" colleges and as their mission has changed. The proposed name change will have broader appeal to those interested in teaching at any college level - to include those who are interested in enhancing their university level teaching , private colleges, and state colleges, and not just the community college level.

Briefly list curriculum changes in bullet format. If there are changes to the credit hours of the program, required courses or other requirements, please state those changes. **Remember to attach the catalog copy showing changes, using Track Changes in Word.**

There are no curricular changes at this time.
 (See course name changes in the attached Catalog revision markup)

Name Change

Are you changing the name of an existing program, track, or certificate? Yes No

If yes, provide the new name of the program, track, or certificate: Track to College Teaching and Leadership and Graduate Certificate in College

Teaching and Leadership

A proposed name change will apply to the record of all students who are currently enrolled, readmitted or newly admitted into this program as of the effective date of this change.

If you are ONLY making a name change, skip the "Impact on Current Students" section.

Impact on Current Students

Will students be moved from an existing program, track, or certificate into this new program, track, or certificate? Yes No

If yes, state the name of the program or track where students are currently enrolled and attach a list of students if possible:

Will students have the option to stay in their existing program, track, or certificate? Yes No

If yes, how will current students be impacted by this change?

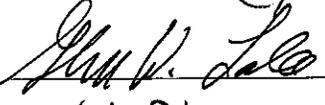
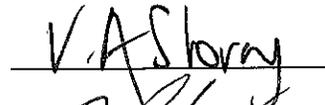
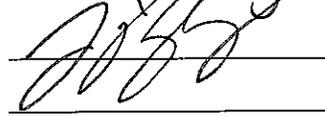
Because this is a program track and certificate program name change, all students who are currently enrolled, readmitted, or newly admitted to these programs will have their enrollment records updated. The only other revision is the removal of the word "Community" from 4 course titles currently required in the program and certificate.

If there are substantial revisions, please complete the following table on financial support: (Specify all forms of support – assistantships, fellowships, and tuition remission.)

	Number of assistantship students	Source of funds	Number of fellowship students (specify fellowship)	Number of tuition remissions	Source of funds
Year 1					
Year 2					
Year 3					

Signature Page

Recommend Approval (all approval levels must be signed)

Graduate Faculty (Print)	<u>Thomas D. Cox</u>	(Signature)	<u></u>	Date	<u>10/31/17</u>
Program Coordinator					
Department Chair (Print)	<u>Glenn Landis</u>	(Signature)	<u></u>	Date	<u>11/1/2017</u>
/Director					
College Academic (Print)	<u>Valerie A. Storry</u>	(Signature)	<u></u>	Date	<u>11/7/2017</u>
Standards					
College Dean (Print)	<u>JDMendez</u>	(Signature)	<u></u>	Date	<u>11/15/17</u>
Graduate Council (Print)		(Signature)		Date	

Vice President for Research and Dean of the College of Graduate Studies

(Print) _____ (Signature) _____ Date _____

Approval

Provost and Executive Vice President _____ Date _____

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Department(s); College; Registrar; Associate Registrar; Institutional Knowledge Management; Academic Services; College of Graduate Studies

Current Catalog

Community College Graduate Certificate

The ~~Community College Education College Teaching and Leadership~~ Graduate Certificate prepares students to become campus leaders at all organizational levels of ~~community~~ colleges, ~~state colleges, and universities -as well as in the~~~~including the~~ ~~college level~~ classroom.

Show Program Description▼

CURRICULUM

For the Community College Education graduate certificate, students take 15 credit hours of required courses.

Total Credit Hours Required:

15 Credit Hours Minimum beyond the Bachelor's Degree

Required Courses—15 Credit Hours

- EDH 6053 ~~The Community College in America~~ (3 credit hours)
- EDH 6081 Contemporary ~~Problems~~Issues in ~~Community~~ Colleges (3 credit hours)
- EDH 6204 ~~Leadership in College Organizations~~~~Community College Organization, Administration, and Supervision~~ (3 credit hours)
- EDH 6215 ~~Community~~The College Curriculum (3 credit hours)
- EDH 6305 Teaching and Learning in ~~the Community~~ Colleges and Universities (3 credit hours)

Commented [DTC1]: We are keeping the word "community" college in this course because the course is the foundation for the history and mission of community colleges which provides the background for approaching the issue of why we have state colleges and the changing nature of these colleges.

Application Requirements

Admission is open to those with a bachelor's degree from a regionally accredited institution. An application to the graduate certificate program and official transcripts must be submitted. Applicants must [apply online](#). All requested materials must be submitted by the established deadline.

Application Deadlines

Community College Education Graduate Certificate	*Fall Priority	Fall	Spring	Summer
Domestic Applicants	-	Jul 15	Dec 1	Apr 15
International Applicants	-	-	-	-
International Transfer Applicants	-	-	-	-

*Applicants who plan to enroll full time in a degree program and who wish to be considered for university fellowships or assistantships should apply by the Fall Priority date.

Contact Info

Current Catalog

Community College Graduate Certificate

 **Request Information**

Graduate Program

Thomas Cox EdD

thomas.cox@ucf.edu

ED 220Q 

Graduate Admissions

Cameron Leonard

gradadmissions@ucf.edu

Telephone: 407-823-2766

Millican Hall 230 

[Online Application](#)

[Graduate Admissions](#)

Mailing Address

UCF College of Graduate Studies

Millican Hall 230

PO Box 160112

Orlando, FL 32816-0112

Institution Codes

GRE: 5233

GMAT: RZT-HT-58

TOEFL: 5233

ETS PPI: 5233

Catalog Revisions

Community College Track in M.A. Leadership Program

TRACK DESCRIPTION

The Higher Education/~~Community~~ College ~~Teaching and Leadership Education +~~ track in the Educational Leadership MA program is designed for individuals planning to teach at ~~that~~the college level and neither requires state teacher certification for admission nor prepares candidates for state teacher certification.

Show Program Description▼

CURRICULUM

Total Credit Hours Required:

42 Credit Hours Minimum beyond the Bachelor's Degree

The Higher Education/~~Community College Education~~College Teaching and Leadership track in the Educational Leadership MA program is designed for individuals whose goal is to teach at the community college level. Every attempt is made to build the minimum required 18 hours of graduate-level content area courses into the program of study. Only six hours of independent study courses may be used to satisfy degree requirements. It is important to see an adviser if courses are difficult to schedule in the content area. Students electing this track will not meet state requirements for teacher certification in grades K-12. Successfully passing a comprehensive exam at the end of the program is a final graduation requirement.

Required Courses—24 Credit Hours

Students in this track should consult with the Higher Education/Community College Education adviser regarding core requirements prior to registering for core courses.

- EDH 6053 The Community College in America (3 credit hours)
- EDH 6081 Contemporary ~~Problems~~Issues in the Community Colleges (3 credit hours)
- EDH 6204 ~~Community College Organization, Administration and Supervision~~Leadership in College Organizations (3 credit hours)
- EDH 6215 ~~Community~~The College Curriculum (3 credit hours)
- EDH 6305 Teaching and Learning and ~~Community Colleges and Universities~~ (3 credit hours)
- EDF 6481 Fundamentals of Graduate Research in Education (3 credit hours)
- IDS 6504 Adult Learning (3 credit hours)
- EDF 6401 Statistics for Educational Data (3 credit hours) or EDF 6432 Measurement and Evaluation in Education (3 credit hours)

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Elective Courses—18 Credit Hours

Courses must be approved by the student's adviser in one of the following disciplines:

- Art

Catalog Revisions

Community College Track in M.A. Leadership Program

- English
- [English for Speakers of Other Languages \(ESOL\)](#)
- Math
- Science
- Social Science ([Select one: History, Sociology, Psychology, etc.](#))

Application Requirements

For information on general UCF graduate admissions requirements that apply to all prospective students, please visit the [Admissions](#) section of the Graduate Catalog. Applicants must [apply online](#). All requested materials must be submitted by the established deadline.

In addition to the [general UCF graduate application requirements](#), applicants to this program must provide:

- One official transcript (in a sealed envelope) from each college/university attended.
- Applicants applying to this program who have attended a college/university outside the United States must provide a course-by-course credential evaluation with GPA calculation. Credential evaluations are accepted from [World Education Services \(WES\)](#) or [Josef Silny and Associates, Inc.](#) only.

Application Deadlines

All application materials must be submitted by the appropriate deadline listed below.

Higher Education / Community College Education	*Fall Priority	Fall	Spring	Summer
Domestic Applicants	Jan 15	Jul 15	Dec 1	-April 15
International Applicants	Jan 15	Jan 15	Jul 1	Nov 1-
International Transfer Applicants	Jan 15	Mar 1	Sep 1	Dec 15-

*Applicants who plan to enroll full time in a degree program and who wish to be considered for university fellowships or assistantships should apply by the Fall Priority date.



Graduate Program Recommendation Form - REVISIONS ONLY

This form is to be used to REVISE degree programs, tracks, or certificate programs. If there are changes to a program and the changes will also affect the program tracks, one form may be used for both the program and the track(s).

Please refer to the Graduate Council Curriculum Meeting Schedule for submission deadlines.

Checklist of items to be attached with completed form:

- Complete and current Graduate Catalog copy... A list of faculty who will participate... All course action requests... If applicable, a written agreement...

College/Unit(s) Submitting Proposal: College of Engineering and Computer Science

Proposed Effective Term/Year: Summer 2018

Unit(s) Housing Program: Industrial Engineering and Management Systems (IEMS)

Name of program, track and/or certificate: Systems Engineering

Please check all that apply. This action affects at: Program Track Certificate

If the revision applies to multiple tracks, please list them here:

NA

Brief description of program and rationale of the revision: Do not add complete catalog copy here.

The current certificate in systems engineering (SE) is being updated based upon feedback from industry. Also, IEMS has hired new faculty with expertise in both administrative and technical aspects of SE. These faculty also feel that the certificate needs to be updated. We plan to add 2 new courses, correct the numbering for an existing course and make a minor change to the title, and use an existing course.

Briefly list curriculum changes in bullet format. If there are changes to the credit hours of the program, required courses or other requirements, please state those changes. Remember to attach the catalog copy showing changes, using Track Changes in Word.

Two new courses will be added to the curriculum: 1) Systems Engineering (Proposed ESI 6551 number) 2) Systems Integration and Testing (Proposed ESI 6553 number) One course needs to be renumbered based upon the Florida Department of Education Statewide Course Numbering System. 1) Systems Architecture (from ESI 6551 to ESI 6552) We also plan to use the term "architecture" in lieu of "architecting" which is standard in industry, SE education, and used by the FL DOE. An existing course (EIN 5140 Project Engineering) will be the fourth course in the certificate.

The current curriculum has a strong operations research focus and consists of: ESI 5219 Engineering Statistics, ESI 5306 Operations Research, ESI 5531 Discrete Systems Simulation, and ESI 6551C Systems Engineering. Note that the ESI 65551C course no longer exists.

Name Change

Are you changing the name of an existing program, track, or certificate? Yes No

If yes, provide the new name of the program, track, or certificate: _____

A proposed name change will apply to the record of all students who are currently enrolled, readmitted or newly admitted into this program as of the effective date of this change.

If you are ONLY making a name change, skip the "Impact on Current Students" section.

Impact on Current Students

Will students be moved from an existing program, track, or certificate into this new program, track, or certificate? Yes No

If yes, state the name of the program or track where students are currently enrolled and attach a list of students if possible:

The few that are taking this certificate will take the current curriculum. Advisors will have the discretion to make substitutions with new classes.

Will students have the option to stay in their existing program, track, or certificate? Yes No

If yes, how will current students be impacted by this change?

There are currently no students enrolled in this certificate. The ESI 6551C Systems Engineering class that is the main content class for this certificate is no longer being taught. In the event there are some legacy students still in the certificate they will have the option to continue in the same curriculum (all of the classes except ESI 6551C) are still being taught. Students can work with the graduate coordinator for course substitutions.

If there are substantial revisions, please complete the following table on financial support: (Specify all forms of support assistantships, fellowships, and tuition remission.)

	Number of assistantship students	Source of funds	Number of fellowship students (specify fellowship)	Number of tuition remissions	Source of funds
Year 1	NA				
Year 2	NA				
Year 3	NA				

Signatures

Recommend Approval (all approval levels must be signed)

Graduate Faculty Program Coordinator:

Print: Ahmad Elshennawy

Signature: Ahmad K. Elshennawy

Digitally signed by Ahmad K. Elshennawy
DN: cn=Ahmad K. Elshennawy,
o=University of Central Florida,
ou=Industrial Engineering & Management
Systems, email=ahmade@ucf.edu, c=US
Date: 2017.10.03 10:50:44 -0400

Date: _____

Department Chair / Director:

Print: Waldemar Karwowski

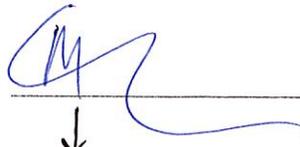
Signature: Waldemar Karwowski

Digitally signed by Waldemar Karwowski
DN: cn=Waldemar Karwowski, o, ou,
email=wkawowski@gmail.com, c=US
Date: 2017.10.03 11:18:15 -0400

Date: _____

College Academic Standards:

Print: Charles Reilly

Signature: 

Date: 11/1

College Dean:

Print: Michael Georgiopoulos

Signature: _____ Date: _____

Graduate Council:

Print: _____ Signature: _____ Date: _____

Vice President for Research and Dean of the College of Graduate Studies:

Print: Elizabeth Klonoff

Signature: _____ Date: _____

Approval

Provost and Executive Vice President:

Print: Dale Whittaker

Signature: _____ Date: _____

Distribution: After approval is received from the Provost, distribution will be to:

Department(s); College; Registrar; Associate Registrar; Institutional Knowledge Management; Academic Services;
College of Graduate Studies

CURRENT-NEW CATALOG DESCRIPTION

PROGRAM DESCRIPTION

The Graduate Certificate in Systems Engineering focuses on introducing students to the fundamentals of systems requirements, architecture, and integration and testing. Systems Engineering is an interdisciplinary approach and means to enable the realization of successful systems. Systems Engineering integrates all the disciplines and specialty groups into a team effort forming a structured development process that proceeds from concept to production to operation. Systems Engineering considers both the business and the technical needs of all customers with the goal of providing a quality product that meets the user needs

~~The Graduate Certificate in Systems Engineering is designed to provide students with an introduction to systems engineering tools and techniques for better system performance. There is a significant need and demand within many companies for systems engineering.~~

Please note: This program certificate may be completed online, ~~although not all elective options or program prerequisites may be offered online~~. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. See <http://ucf.edu/online> for more information.

International students (F or J visa) are required to enroll in a full-time course load of 9 credit hours during the fall and spring semesters. ~~Only 3 of the 9 credit hours may be taken in a completely online format.~~ For a detailed listing of enrollment requirements for international students, please visit www.international.ucf.edu. If you have questions, please consult International Affairs and Global Strategies at 407-823-2337.

UCF is not authorized to provide online courses or instruction to students in some states. Refer to [State Restrictions](#) for current information.

Hide Program Description▲

CURRICULUM

For the Systems Engineering certificate, students complete four required courses, for a total of 12 credit hours.

Total Credit Hours Required:

12 Credit Hours Minimum beyond the Bachelor's Degree

Required Courses—12 Credit Hours

- ~~ESI 6XXX Systems Engineering (3 credit hours)~~
- ~~ESI 6XXX Systems Architecture (3 credit hours)~~
- ~~ESI 6XXX Systems Integration and Testing (3 credit hours)~~
- ~~EIN 5140 Project Engineering (3 credit hours)~~
- ~~ESI 5219 Engineering Statistics (3 credit hours)~~
- ~~ESI 5306 Operations Research (3 credit hours)~~
- ~~ESI 5531 Discrete Systems Simulation (3 credit hours)~~

- ~~ESI 6551C Systems Engineering (3 credit hours)~~

APPLICATION REQUIREMENTS

Admission is open to those with a bachelor's degree in engineering or a closely related discipline from a regionally accredited institution. An application to the graduate certificate program and official transcripts must be submitted. Applicants must [apply online](#). All requested materials must be submitted by the established deadline.

In addition, applicants to this certificate must provide:

- Applicants applying to this program who have attended a college/university outside the United States must provide a course-by-course credential evaluation with GPA calculation. Credential evaluations are accepted from [World Education Services \(WES\)](#) or [Josef Silny and Associates, Inc](#) only.

Applications are accepted for the fall and spring terms only.



Program Recommendation Form - INACTIVATIONS / SUSPENSIONS ONLY

This form is to be used to **INACTIVATE** or **SUSPEND** degree programs, tracks, or certificate programs.

Please refer to the Graduate Council Curriculum Meeting Schedule for submission deadlines.

Checklist of Items to be attached with completed form:

- If applicable, a written agreement from all involved units that they are in support of this inactivation or suspension.
- If applicable, attach a teach out plan.

College/Unit(s) Submitting Proposal: Nursing

INACTIVATION - Proposed Effective Term/Year: Fall 2018

Admissions will be permanently suspended for new students and the program will be removed from the online application. Students active in the program are eligible to complete the program under the appropriate criteria and an appropriate teach out plan is required. The program will be removed from the catalog as of the approved term.

SUSPENSION - Proposed Effective Term/Year: _____

Admissions will be temporarily suspended for new students and the program will be removed from the online application. A notation will be entered in the graduate catalog indicating the program is not accepting applications. Currently enrolled students will not experience any issues with continued enrollment. Suspension is limited to no more than three years.

Unit(s) Housing Program: College of Nursing

Name of program, track and/or certificate: MSN Family Nurse Practitioner, MSN Adult-Gero Acute Care NP, MSN Adult-Gero Primary Care NP

Please check all that apply: This action affects a: Program Track Certificate

If the inactivation/suspension applies to multiple tracks, please list them here:

Adult-Gero Primary Care NP, Adult-Gero Acute Care NP, Family Nurse Practitioner

Brief description of program and rationale for the inactivation/suspension: **Do not add complete catalog copy here.**

The MSN programs prepare nurses for advanced nursing practice as Nurse Practitioner. The American Association for Colleges of Nurses (AACN) and current national standards recommend the Doctorate of Nursing Practice as the preferred entry point for Advanced Nursing Practice. This supports the increase of practice doctorates to lead change and practice in healthcare and improved patient outcomes.

The current BSN to DNP curriculum (72 credits) has been implemented.

Impact on Current Students

Are students currently enrolled in the program? Yes No

If yes, number of current students: _____

If program, track, or certificate is being inactivated or suspended, then attach a "teach out" plan for all current students specifying how they can finish the program or where students will be placed if moving to another program. The "teach out" plan should specify when courses will be offered to enable students to finish. Specify whether students will remain in the existing program to finish, and if yes, when the completion date will be, whether students will be moved to another program, etc.

Enter the terms and courses that will be taught for each term throughout the last semester.

Fall	Spring	Summer	Fall	Spring

University of Central Florida
 MSN-Family Nurse Practitioner Plan of Study
 Full-Time (Fall)

Student Name: _____ UCF ID: _____ NID: _____

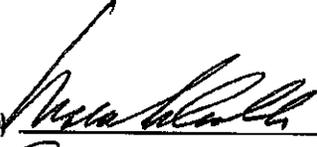
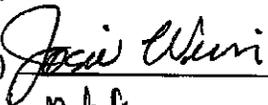
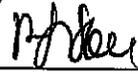
Knight's Email: _____ Personal Email: _____

Advisor: _____ Advisor Email: _____

Term	Course	Credits	Clinical Hours
Fall 2017	NGR 5800: Prep for APN	3	
	NGR 5003: Advanced Health Assessment and Diagnostic Reasoning	3	60
	NGR 5003L: Advanced Health Assessment Clinical	3	
	NGR 5011: Pathophysiological Bases for APN	3	
Spring 2018	NGR 6172: Pharmacology for Advanced Nursing Practice	3	
	NGR 6201: Adult I Primary Care	3	
	NGR 6240L: Adult I Clinical	3	180
	NGR 5638: Health Promotion	3	
Summer 2018	NGR 6391: Research Methods for Advanced Practice Nursing	3	
	NGR 6334: Women's Health for APNs	3	
	NGR 6421: Women's Health Clinical	3	60
Fall 2018	NGR 5884: Legal and Professional Behavior in APN	3	
	NGR 6263: Gerontologic Care APNs	3	
	NGR 6263L: Gerontologic Care for NPs	2	120
Spring 2019	NGR 6913: Evidence-Based Practice	3	
	NGR 6915: Pediatric Primary Care	3	
	NGR 6951L: Pediatric Primary Care Clinical	3	
Summer 2019	NGR 6248L: Advanced Practice Practicum	3	180
Totals:		46	720

Signature Page

Recommend Approval (all approval levels must be signed)

Department Chair (Print) <u>Maureen Covell</u>	(Signature) <u></u>	Date <u>11/2/17</u>
/Director		
College Academic (Print) <u>Josie Elviri</u>	(Signature) <u></u>	Date <u>11/2/17</u>
Standards		
College Dean (Print) <u>M. S. G. K.</u>	(Signature) <u></u>	Date <u>11/2/17</u>
Graduate Council (Print) _____	(Signature) _____	Date _____
Graduate Dean (Print) _____	(Signature) _____	Date _____

Approval

Provost and Executive Vice President: _____ Date _____

Distribution: After approval is received from the Provost, distribution will be to:

Department(s); College; Registrar; Associate Registrar; Institutional Knowledge Management; Academic Services; College of Graduate Studies



Graduate Equipment Fee Request Form

Forward to your college office.

This form is to be used for requests to add, change, or delete equipment fee requests for a program. All requests for the next catalog must be submitted by November 2 for the November agenda deadline of the Graduate Council Curriculum Committee.

Request routing:

- 1) Department Chair to College Dean's Office; 2) Dean's Office; 3) Graduate Council Curriculum Committee; 4) A list of approved requests will be forwarded to the provost for final approval. 5) University Board of Trustees — information only.

Under the rules of the Board of Trustees for the University of Central Florida, equipment fees may be assessed for the purchase, maintenance, and repair of equipment used by students in that graduate program. Fees take effect in the fall semester of each year. Departments must maintain detailed accounting of all expenditures and report them to the Dean of the College of Graduate Studies on July 1 of each year. Equipment Fee maximum per semester: \$90.00 Full-time; \$45.00 Part-time.

Request Information

Use one form for each program request:

Date Submitted: September 28, 2017 College: College of Education and Human Performance

Department: School of Teaching, Learning & Leadership Submitted by: Maria Busch

Degree program: Teacher Education M.A.T programs

Equipment Fees: Use of Teachlive and TeachAARS classroom simulator as well as equipment replacement.

Graduate student enrollment per semester: 40 Full-time 10 Part-time 30

Fee amount per semester: \$1,600 Full-time \$64.00 Part-time \$32.00

Provide detailed Justification for the Request:

Include how the request will impact student learning outcomes. If appropriate, include a list of the courses served. (Use additional sheet if necessary)

The continuation of the fee will provide teacher candidates or future teachers with an opportunity to focus on best practices in the classroom by working in a safe, real-time, simulated classroom environment, and where immediate feedback is given from a teacher mentor.

Signatures

Recommend Approval (all approval levels must be signed)

Graduate Faculty Program Coordinator:

Print: Janet Andreasen Signature: Janet Andreasen Date: 10/25/17

Department Chair / Director

Print: M. Hynes Signature: Michael C. Hynes Date: _____

College Academic Standards

Print: Valerie A. Storey Signature: Valerie A. Storey Date: 10/25/17

College Dean

Print: JP Mender Signature: [Signature] Date: 10/27/17

Graduate Council

Print: _____ Signature: _____ Date: _____

Vice President for Research and Dean of the College of Graduate Studies:

Print: _____ Signature: _____ Date: _____

Approval

Provost and Executive Vice President:

Print: _____ Signature: _____ Date: _____

Distribution: After approval is received from the Provost, distribution will be to:

Department(s); College; Registrar; Associate Registrar; Institutional Knowledge Management; Academic Services;
College of Graduate Studies



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Request Information

Use one form for each program request:

Date Submitted: September 28, 2017 College: College of Education and Human Performance

Department: School of Teaching, Learning & Leadership Submitted by: Maria Busch

Degree program: Education Leadership, M.Ed.

Equipment Fees: Services of three technicians for the TeachLive and TeachAARS simulator as well as replacement equipment.

Graduate student enrollment per semester:	<u>154</u>	Full-time	<u>30</u>	Part-time	<u>124</u>
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Fee amount per semester:	<u>\$2,944</u>	Full-time	<u>\$32.00</u>	Part-time	<u>\$16.00</u>
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Provide detailed Justification for the Request:

Include how the request will impact student learning outcomes. If appropriate, include a list of the courses served. (Use additional sheet if necessary)

The continuation of this fee will allow future administrators the opportunity to focus on best practice when supervising their teachers in the classroom or conferencing with parents in a safe, real-time simulated environment, where immediate feedback is provided from a teacher mentor.

Signatures

Recommend Approval (all approval levels must be signed)

Graduate Faculty Program Coordinator:

Print: Walter S. Robert Signature: [Signature] Date: 10/25/17

Department Chair / Director

Print: Michael C. Hyman Signature: [Signature] Date: 10/11/17

College Academic Standards

Print: Valerie A. Stray Signature: [Signature] Date: 23/10/17

College Dean

Print: JP Mender Signature: [Signature] Date: 10/25/17

Graduate Council

Print: _____ Signature: _____ Date: _____

Vice President for Research and Dean of the College of Graduate Studies:

Print: _____ Signature: _____ Date: _____

Approval

Provost and Executive Vice President:

Print: _____ Signature: _____ Date: _____

Distribution: After approval is received from the Provost, distribution will be to:

Department(s); College; Registrar; Associate Registrar; Institutional Knowledge Management; Academic Services;
College of Graduate Studies



Graduate Equipment Fee Request Form

Forward to your college office.

This form is to be used for requests to add, change, or delete equipment fee requests for a program. All requests for the next catalog must be submitted by November 2 for the November agenda deadline of the Graduate Council Curriculum Committee.

Request routing:

- 1) Department Chair to College Dean's Office; 2) Dean's Office; 3) Graduate Council Curriculum Committee; 4) A list of approved requests will be forwarded to the provost for final approval. 5) University Board of Trustees — information only.

Under the rules of the Board of Trustees for the University of Central Florida, equipment fees may be assessed for the purchase, maintenance, and repair of equipment used by students in that graduate program. Fees take effect in the fall semester of each year. Departments must maintain detailed accounting of all expenditures and report them to the Dean of the College of Graduate Studies on July 1 of each year. Equipment Fee maximum per semester: \$90.00 Full-time; \$45.00 Part-time.

Request Information

Use one form for each program request:

Date Submitted: 9/28/17 College: College of Arts & Humanities
Department: School of Visual Arts & Design Submitted by: Jason Burrell
Degree program: Master of Fine Arts: Emerging Media: Studio Art and the Computer

Equipment Fees:

Graduate student enrollment per semester: 18 Full-time 14 Part-time 4
Fee amount per semester: \$1440 (\$1260 FT/\$180 PT) Full-time \$90 Part-time \$45

Provide detailed Justification for the Request:

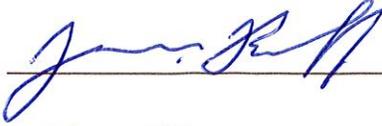
Include how the request will impact student learning outcomes. If appropriate, include a list of the courses served. (Use additional sheet if necessary)

As a curriculum making physical objects and experiences, equipment impacts all studio courses, specifically:
ART 5280 Serial Content
DIG 5487 Principles of Visual Language
ART 5696 Art, Design and Human Interactions
ART 5698 Concourse I
ART 5910 Studio Concentration I
DIG 6136 Design for New Media
ART 6683C Time Arts
ART 6687 Research Concentration I
ART 6689 Research Concentration II
ART 6699 Concourse II
ART 6911 Studio Concentration II
The outcomes of the degree depend upon manifesting contemporary practices and concepts through the traditional and digital tools this fee funds.

Signatures

Recommend Approval (all approval levels must be signed)

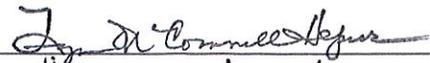
Graduate Faculty Program Coordinator:

Print: Jason Burrell Signature:  Date: 9/29/17

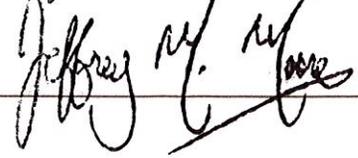
Department Chair / Director

Print: Rudy McDaniel Signature:  Date: 9/29/17

College Academic Standards

Print: Lynn Hepner Signature:  Date: 10/6/17

College Dean

Print: Jeffrey Moore Signature:  Date: 10/6/17

Graduate Council

Print: _____ Signature: _____ Date: _____

Vice President for Research and Dean of the College of Graduate Studies:

Print: _____ Signature: _____ Date: _____

Approval

Provost and Executive Vice President:

Print: _____ Signature: _____ Date: _____

Distribution: After approval is received from the Provost, distribution will be to:

Department(s); College; Registrar; Associate Registrar; Institutional Knowledge Management; Academic Services;
College of Graduate Studies

Studio Art and the Computer M.F.A. EQUIPMENT FEES

DESCRIPTION	UNITS	LOCATION	SOURCE	UNIT COST	TOTAL COST	LIFE SPAN	COST PER SEMESTER
Graphic design computers (e.g. Apple, Dell)	8	CEM105/OTC500	UCF Computer Store	\$1,600	\$12,800	5	\$1,280.00
Software (e.g. 3-D Studio Max)	8	CEM105/OTC500	UCF Computer Store	\$200	\$1,600	3	\$266.67
Large format photo printers (e.g. Epson, Cannon)	2	CEM105/OTC500	B&H Photo	\$5,500	\$11,000	5	\$1,100.00
Medium format photo printers (e.g. Epson, Cannon)	2	CEM105/OTC500	B&H Photo	\$2,000	\$4,000	5	\$400.00
Laser printer	1	CEM105/OTC500	UCF Computer Store	\$200	\$200	1.5	\$66.67
Digital video camera (all ranges, e.g. Nikon, Cannon)	4	CEM105/OTC500	B&H Photo	\$600	\$2,400	4	\$300.00
Digital camera (stills, all ranges, e.g. Nikon, Cannon)	4	CEM105/OTC500	B&H Photo	\$2,000	\$8,000	4	\$1,000.00
Adobe, (e.g. Creative Cloud subscription)	8	CEM105/OTC500	University License	\$103	\$824	1	\$412.00
Power tools (e.g. drill, saw, dry vac, bits)	5	CEM110/OTC650	Home Depot	\$500	\$2,500	5	\$250.00
Tools (e.g. hammer, screwdriver, hand saw)	12	CEM110/OTC650	Home Depot	\$200	\$2,400	5	\$240.00
TOTAL					\$45,724.00		\$5,315.33



Graduate Equipment Fee Request Form

Forward to your college office.

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Request routing:

- 1) Department Chair to College Dean's Office; 2) Dean's Office; 3) Graduate Council Curriculum Committee; 4) A list of approved requests will be forwarded to the provost for final approval. 5) University Board of Trustees — information only.

Under the rules of the Board of Trustees for the University of Central Florida, equipment fees may be assessed for the purchase, maintenance, and repair of equipment used by students in that graduate program. Fees take effect in the fall semester of each year. Departments must maintain detailed accounting of all expenditures and report them to the Dean of the College of Graduate Studies on July 1 of each year. Equipment Fee maximum per semester: \$90.00 Full-time; \$45.00 Part-time.

Request Information

Use one form for each program request:

Date Submitted: SEPTEMBER 28, 2017 College: ARTS + HUMANITIES

Department: SCHOOL OF PERFORMING ARTS Submitted by: KEITH KOONS

Degree program: MASTER OF ARTS IN MUSIC

Equipment Fees:

Graduate student enrollment per semester: 30 Full-time 10 Part-time 20

Fee amount per semester: \$90 FT / \$45 PT Full-time \$900 Part-time \$900

Provide detailed Justification for the Request:

Include how the request will impact student learning outcomes. If appropriate, include a list of the courses served. (Use additional sheet if necessary)

THIS EQUIPMENT FEE SERVES TO MAINTAIN PIANOS FOR STUDENT USE; AND TO MAINTAIN AND REPLACE WIND, BRASS, STRING, AND PERCUSSION INSTRUMENTS. EVERY MUSIC STUDENT BENEFITS, AND ALMOST EVERY MUSIC COURSE IS SUPPORTED.

Signatures

Recommend Approval (all approval levels must be signed)

Graduate Faculty Program Coordinator:

Print: KEITH KOONS Signature: Keith Koons Date: 9/29/17

Department Chair / Director

Print: Michael Weinstein Signature: Michael Date: 9/29/17

College Academic Standards

Print: Lynn Hepler Signature: Lynn Hepler Date: 10/10/17

College Dean

Print: Jeffrey Moore Signature: Jeffrey Moore Date: 10/10/17

Graduate Council

Print: _____ Signature: _____ Date: _____

Vice President for Research and Dean of the College of Graduate Studies:

Print: _____ Signature: _____ Date: _____

Approval

Provost and Executive Vice President:

Print: _____ Signature: _____ Date: _____

Distribution: After approval is received from the Provost, distribution will be to:

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College of Graduate Studies

Date	PO #/ID/ID/PCard	Vendor	Professor	SBL Category	Description of Purchase	Approved by Budget Director	Encumbered	IDT/PCard Pending	Expense
07/01/2016									
07/01/2016									
07/18/2016	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Maret, RPT) - PAC Music Piano Tuning/Repair				\$1,140.00
07/21/2016	PCard	Bank of America (Kelly-Hursev)	Schreier		(Uline) - Ear Plugs for UCF Music Department				\$80.84
07/25/2016	PCard	Bank of America (Kelly-Hursev)	Park		(Steinway Piano Gallery Orlando) - Roland C30 Digital Harpsichord				\$4,200.00
08/01/2016	UCF01-0000331818	Wenger Corporation	Moore		1753700.166 - Music Library Sheet Music Storage Cabinets for Band				\$3,659.00
08/10/2016	PCard	Bank of America (Kelly-Hursev)	Anderson		(Sweetwater) Audio Interface & Mic Preamp, SD Recorder, Headphones, Studio Flyer 4U; Top Tier SDXC Card; Apple Thunderbolt Cable; Gator Frameworks GFW-Utility				\$2,066.94
08/10/2016	ID	UCF Technology Product Center	Anderson		Order #42739 - 15" MacBook Pro with Retina display; Apple Care				\$2,138.00
09/16/2016	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Maret, RPT) - PAC Music Piano Tuning/Repair				\$11,700.00
09/20/2016	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Maret, RPT) - PAC Music Piano Tuning/Repair				\$1,165.00
09/27/2016	PCard	Bank of America (Kelly-Hursev)	Strefler		(Forrest Music) - Oboe Shaper Handle (#H-00)				\$128.50
11/10/2016	PCard	Bank of America (Rupert)	Rupert		(Jim Huis) organ dollies - KEYBOARD EXCHANGE INTE				\$240.00
11/15/2016	PCard	Bank of America (Kelly-Hursev)	Danielsson		(Amazon) Logitech HD Pro Webcam C920 Camcorder				\$59.99
11/15/2016	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Maret, RPT) - PAC Music Piano Tuning/Repair 11/01/16				\$985.00
12/22/2016	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Maret, RPT) - PAC Music Piano Tuning/Repair 10/15/16				\$960.00
01/10/2017	PCard	Bank of America (Anderson)	Anderson		(Auto Mechanic Shop Inc.) - Work to weld, drill, and tap a hole in timpani component				\$820.00
01/11/2017	PCard	Bank of America (Kelly-Hursev)	Park		(Amazon.com) Canon VIXIA HF R700 Camcorder (Black); SanDisk Ultra 200GB Micro SD (SDDQUAN-200G-G4A)				\$370.95
01/12/2017	PCard	Bank of America (Kelly-Hursev)	Park		(Yamaha Corporation) - Marimba bars replacement				\$265.20
01/17/2017	PCard	Bank of America (Nichols)	Weremchuk		(Underwood Music) Yamaha Baritone Saxophone Repair; Selmer Soprano Saxophone Repair				\$3,715.82
01/17/2017	PCard	Bank of America (Nichols)	Schreier		(Wenger) Director's Stand				\$250.00
02/01/2017	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Maret, RPT) - Music Piano Tuning/Repair 01/02/17, 01/09/17, 01/23/17				\$477.00
02/06/2017	UCF01-0000345798	Kashnig, Claude	Schreier		Repair of UCF Music Department Willson and King Euphoniums				\$2,534.11
02/10/2017	PCard	Bank of America (Nichols)	Schreier		(Uline) - Ear Plugs for UCF Music Department				\$505.00
02/20/2017	PCard	Bank of America (Kelly-Hursev)	Schreier		(Underwood Music) Eb Clarinet Repair				\$81.44
03/02/2017	ID	UCF Technology Product Center	Koons		Order #44115 - Apple MacBook 12" AppleCare, USB Digital Adapter for Forum				\$20.00
03/29/2017	PCard	Bank of America (Kelly-Hursev)	City		(Underwood Music) - Yamaha Baritone Saxophone Repair (again)				\$1,481.00
04/12/2017	PCard	Bank of America (Kelly-Hursev)	Weremchuk		(Robert Maret, RPT) - PAC/RH Music Piano Tuning/Repair 02/11/17				\$125.00
04/12/2017	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Maret, RPT) - PAC/RH Music Piano Tuning/Repair 03/20/17				\$1,380.00
05/09/2017	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Maret, RPT) - PAC/RH Music Piano Tuning/Repair 04/15/17				\$1,035.00
06/01/2017	UCF01-0000352733	Wenger Corporation	Brunner	700021	Wenger 4-Step Signature Risers #098D054 (2 @ \$1902.00 each)				\$1,140.00
06/13/2017	PCard	Bank of America (Kelly-Hursev)	Department		(Robert Mart, RPT) - PAC/RRH Music Piano Tuning/Repair 06/04/17				\$5,725.00
06/16/2017	PCard	Bank of America (Kelly-Hursev)	Potter	700021	(Amazon) Johnson String Instrument JSI ML-19 Super Wide 9 LED Sheet Music Stand				\$1,020.00
06/16/2017	PCard	Bank of America (Kelly-Hursev)	Schreier		Utility Lights for Opera				\$698.25
06/16/2017	PCard	Bank of America (Kelly-Hursev)	Schreier	700021	(ColorID, LLO) - HID iClass Contactless Smart Card (Key Cards)				\$370.00
06/19/2017	PCard	Bank of America (Kelly-Hursev)	Schreier	700021	(Pro Winds) - SKB Tenor Saxophone Soft Case (Model 1SKB-SC350)				\$159.98
06/20/2017	UCF01-0000353753	All County Music	Garcia		(All County Music) - Oil and Adjustment of Bass Flute				\$65.00
06/28/2017	ID	UCF Student Accounts	Kizer	700021	Yamaha Piccolos for Marching Knights				\$9,325.00
	PCard	Bank of America (Kelly-Hursev)	Department		Bad Debts				\$180.00
	PCard	Bank of America (Kelly-Hursev)	Garcia	700071	(Powell Flutes) - Powell Flute Oil, Adjustment, and Tarnish Repair				\$325.00
					Totals BD approved, Encumbered, Pending Pcard/IDT, Expenses, Revenue		\$0.00	\$0.00	\$49,747.02
					Available Budget or Overspenditure (After Encumbrances, Expenses, Revenue)				(\$1,252.98)
					Available Budget or Overspenditure (After BD Approved, Pending Pcard/IDT, Expenses, Revenue)				(\$927.98)
					Estimated Expenses				
	PCard	Bank of America (Kelly-Hursev)	Department		Robert Maret, RPT - Piano tuning/repair (April - June 2017)				\$1,000.00
					Available Balance (After Estimated Expenses)				\$72.02

Rationale: This course will provide students state-of-the-art knowledge of data-driven detection and estimation methods in power system based on synchrophasor measurements.

ESI 6XXX

CECS-IEMS

3(3,0)

Systems Architecture: PR: ESI 6551. This course discusses the processes and fundamentals of system architecting to include software such as SySML, modeling system, requirements, structure, and behavior. *Spring.*

Abbrev: (20 of 30 chars) Systems Architecture

Discussion with others: none

Rationale: The course is currently part of the IEMS curriculum but has been mis-numbered. This proposed new course aligns the course numbering system with the Florida Department of Education Statewide Course Numbering System. The statewide system also uses the more common name of "architecture" versus "architecting". Systems Architecture is typically the second class in a SE program/sequence following an introduction/requirements class.

Majors taking course: This course will be used for one of the four courses in the graduate certificate in Systems Engineering.

ESI 6XXX

CECS-IEMS

3(3,0)

Systems Integration and Testing: PR: ESI 6XXX Systems Architecture. This course focuses on the application of systems engineering principles to the integration and test and evaluation of system elements and, ultimately, of the total system. *Fall.*

Abbrev: (31 of 30 chars) Systems Integration and Testing

Rationale: This course will serve as the integrative course for the system engineering certificate. Along with the proposed ESI 6551 and 6552 (both are pre requisites for this class) courses this class will provide the systems engineering content needed to have a working knowledge of the fundamentals of systems engineering.

Majors taking course: This course will be used for one of the four courses in the graduate certificate in Systems Engineering.

College of Health and Public Affairs Course Additions

PHT 6XXXL

HPA-HP

2(0,2)

Physiologic Assessment in Physical Therapy Practice: PR: PHT 6156. Course provides clinical applications and laboratory demonstrations of human musculoskeletal, neurological, cardiovascular, hemopoietic, respiratory, gastrointestinal, and renal systems. *Fall.*

Abbrev: (30 of 30 chars) Physiological Assessment in PT

Discussion with others: None - DPT specific

Rationale: The proposed change is to change the existing course PHT 6156C into lecture only, and to create a new course for the lab component. 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.

Majors taking course: Doctorate of Physical Therapy

PHT 6XXX **HPA-HP** **2(2,0)**

Pharmacology in Physical Therapy Practice: PR: Admission to the Doctorate of Physical Therapy program. Organized lectures and seminars on medical and pharmacological management in physical therapy practice of various medical conditions. *Spring.*

Abbrev: (27 of 30 chars) Pharmacology in PT Practice

Discussion with others: None - specific to DPT program

Rationale: The proposed change is to split the current PHT 6306 Pathology/Pharmacology course into two separate courses based on their unique content and how it applies to the profession of physical therapy. PHT 6306 is currently structured as a course, however, it functions as two independent courses with two instructors of record (one for pathology content, one for pharmacology content) as well as two class meet times and dates. 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.

Majors taking course: Doctorate of Physical Therapy

College of Medicine Course Additions

MDE 8XXX **COM-MED** **6(6,0)**

Diagnostic and Interventional Radiology Elective: PR: Completion of the M3 year. A fourth year elective for eligible medical students in diagnostic and interventional radiology. *Spring, Summer, Fall.*

Abbrev: (35 of 30 chars) Diagnostic/Interventional Radiology

Majors taking course: none

MDE 8XXX **COM-MED** **6(6,0)**

Pediatric Ultrasound Elective: PR: Completion of the M3 year. This two or four week elective rotation, open to fourth year medical students, will provide a broad learning experience in pediatric ultrasound. *Spring, Summer, Fall.*

Abbrev: (24 of 30 chars) Peds Ultrasound Elective

Majors taking course: none

MDI 8XXX **COM-MED** **6(6,0)**

Acting Internship in Adult Orthopaedic Surgery: PR: Completion of the M3 year. This fourth year medical student rotation is structured to develop clinical skills in the six ACGME competencies as they apply to adult orthopaedic surgical care. *Spring, Summer, Fall.*

Abbrev: (25 of 30 chars) AI in Adult Ortho Surgery

Majors taking course: None

College of Sciences Course Additions

MAP 7XXX

COS-MATH

3(3,0)

Advanced Topics in Partial Differential Equations: PR: MAP 6356 Partial Differential Equations, MAP 5356 Functional Analysis, or C.I. The course prepares students advanced PDE techniques needed for their future research. *Occasional.*

Abbrev: (23 of 30 chars) Advanced Topics in PDEs

Discussion with others: Mechanical and Aerospace Engineering department was contacted and replied that there are no conflicts.

Rationale: Partial Differential Equations are widely used in mathematical modeling of sciences and engineering. This course will give graduate students in Mathematics the opportunity to gain valuable knowledge and skills in this important field. Majors taking course: Ph.D. in Mathematics

INR 6XXX

COS-POLS

3(3,0)

International Relations of Africa:

PR: Graduate Standing or C.I. This seminar investigates international relations in the African context, with an explicit focus on implications for international security. *Occasional.*

Abbrev: (30 of 30 chars) International Relations Africa

Discussion with others: We have obtained email approval from the departments of History and Anthropology.

Rationale: The course will expand the department's current offerings for both the MA and PhD programs, which currently only offers regional graduate international relations coursework on the Middle East and Caspian Sea States. The course will also directly contribute to the graduate certificate in Intelligence and International Security.

Majors taking course: None

2. Special Topics Additions

College of Engineering and Computer Science Special Topics Additions

CAP 6938

CECS-CS

3(3,0)

ST: Data Mining in Bioinformatics: PR: MAS 3105. Summarize computational techniques for bridging two fields: data mining and bioinformatics, for successful mining of large-scale biological data. *Occasional.*

Abbrev: (29 of 30 chars) Data Mining in Bioinformatics

Discussion with others: The Dept. of Statistics looked into this and saw some overlap with their courses in Data Mining Methodology. However, they wrote that "Department of Statistics has no objection to the proposed course."

EEL 5937 **CECS-ECE** **3(3,0)**
Software-Defined Networking: PR: EEL 4781. Principles of internetworking architectures; and their projections on function placement and decomposition as well as various network protocol elements such as routing, naming, and addressing. Implications of network economics on the evolution and practice of network architectures and systems. Multi-provider inter-ISP economics: Pricing, peering, edge-to-edge tussle, neutrality, fairness, and openness. Networking and population effects and their impact on the scale of the network design: power laws and scale-free composition. *Occasional*.

Abbrev: (27 of 30 chars) Software-Defined Networking

Discussion with others: Engaged a conversation with CS faculty (Drs. Bassiouni, Zhou, Turgut, and Chatterjee) for their feedback. There were no objections (email conversation attached).

EEL 5937 **ECS-ECE** **3(3,0)**
Advanced Memory Systems: PR: EEL 4768. The key goal of this class is to relate the fundamental concepts of computer architecture to current issues and research directions. The course will study the potentials of new memory technologies, such as NVMs and Die-Stacked DRAM, for building future computing systems. *Occasional*.

Abbrev: (23 of 30 chars) Advanced Memory Systems

Discussion with others: Computer Science reviewed and didn't have objections

EEL 5937 **CECS-EECS** **3(3,0)**
Power System Detection and Estimation: PR: EEL 4216. This is an advanced course to power systems engineering, designed to provide students with the knowledge of power system detection and estimation methods. *Occasional*.

Abbrev: (24 of 30 chars) Detection and Estimation

College of Health and Public Affairs Special Topics Additions

SOW 6938 **HPA-SOWK** **3(3,0)**
Military Culture and Social Work Practice: PR: Admission to MSW or Military Social Work Certificate. Provides a detailed overview of the practice of social work with military connected clients, families and communities. *Occasional*.

Abbrev: (30 of 30 chars) ST: Military Culture SW Pract

Discussion with others: None

Rationale: The existing 5000 level course is being revised to include more clinical practice material. The name has also been changed. The program needs to offer the new content in spring 2018 to accommodate newly admitted students in the certificate.

College of Optics and Photonics Special Topics Additions

OSE 6938 **OPT-OPT** **3(3,0)**
ST: Infrared Systems: PR: GS, CI. Provides a means for determining infrared system performance. Topics include components, radiometry, diffraction, etc., which are combined to provide system resolution, sensitivity, and visual acuity. *Occasional*.

Abbrev: (20 of 30 chars) ST: Infrared Systems

Discussion with others: EE/Kalpathy Sundaram: No overlap with ECE courses.

Approved.Phy/Eduardo Mucciolo: waiting for response.

3. Course Revisions

College of Arts and Humanities Course Revisions

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.

College of Education and Human Performance Course Revisions

EDH 6081 ~~Contemporary Problems in Community Colleges~~ **3(3,0)**
~~Contemporary Issues in Colleges~~

PR: ~~EDH 6204~~ Graduate standing or C.I.

Analysis of the critical issues facing ~~community~~ colleges today and in the near future.

Abbrev (27 of 30): ~~Contemporary Problems in CCs~~ **Contemporary College Issues**

Term Offered: ~~Occasional~~ Odd Spring, Summer

Discussion with others: No possible duplications exist. No other programs offer a college "issues" course.

Rationale: Since the state of Florida no longer has "community" colleges, the word "community" is being removed. This gives the course broader appeal to approach college issues in general.

There are no programs that list EDH 6081.

EDH 6204 ~~Community College Organization, Administration, and Supervision~~ **3(3,0)**
~~Leadership in College Organizations~~

PR: Graduate standing or C.I.

An analysis of the organizational structure and ~~administrative~~ leadership functions of the ~~community~~ college as they relate to instruction and curriculum.

Abbrev (23 of 30): ~~CC Org Admin & Supervision~~ **Ldrship in College Orgs**

Term Offered: ~~Fall~~ Odd Fall, Even Spring, Odd Summer

Rationale: Since the state of Florida no longer has "community" colleges, the word "community" is being removed. This gives the course broader appeal to approach college issues in general.

**Sensors and Actuators for Micro Mechanical
Systems**

EML 6295

3(3,0)

PR: EML 5060, EML 6211, or C.I.

~~Introduction of smart materials and functional structures used for sensors and actuators in micromechanical systems. Classifications of sensors and actuators. Physics of sensing and 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.

Rationale: 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 Health and Public Affairs Course Revisions

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.

SOW 5566	Part-Time MSW Generalist Field Education 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	2(2,0)
	Part-Time MSW Clinical Field Integrative Seminar III	1(1,0)

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	3(3,0)
	Military Culture and Social Work Practice	

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.

