20011: 12:02

Undergraduate Course Review Committee (UCRC) Tuesday, December 5, 2017 at 12:00 – 1:00 PM College of Sciences (CSB) 221

<u>AGENDA</u>

- I. Welcome and guest introductions
- II. Confirmation of Quorum
- III. Approval of November 21, 2017 meeting minutes ApprovEd

IV. Course Action Agenda

- a. Course Additions
- b. Course Revisions
- c. Course Deletions
- V. Adjournment 1:5 Next meeting: Tuesday, January 9, 2017

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UNDERGRADUATE COURSE REVIEW COMMITTEE MEETING ATTENDANCE SHEET 12/05/17

Senate Representatives			
Last	First	SIGNATURE	DEPARTMENT
Murphy	Kevin		Foodservice and Lodging Management
Pinkert	Laurie	Dinkert	Writing and Rhetoric
Schulte	Alfons		Physics
Zemliansky	Pavel	The second secon	Writing and Rhetoric

Faculty Representatives			
Last	First	SIGNATURE	DEPARTMENT
Bai	Yuanli	kar Ine	Mechanical and Aerospace Engineering
Consalo	Karen	Kar Compala	Legal Studies
Duff	Sara	SOL	Acquisitions and Collections Services
Filler	Dennis	Lam th	Civil, Environmental, and Construction
Gelfuso	Andrea		School of Teaching, Learning and Leadership
Kar	Aravinda	H. Kar	Optics and Photonics
Kinchen	Elizabeth	Phone	Nursing
Legron-Rodriguez	Tamra	Mann	Chemistry
Samsam	Mohtashem	SAM1A3	Biomedical Sciences
Schellhase	Kristen	LON	Health Professions also for Re
Tamberelli	Frank	Santell-	Integrated Business
Ex-Officio Me	embers		

Last	First	SIGNATURE	DEPARTMENT
Covelli	Maureen		Undergraduate Affairs
Dorman	Teresa		Academic and Student Affairs
Dupuis	Martin		Honors College
Hagan	David	DH	Academic Programs

Hepner	Lynn	Convert	Academic Programs	
Hitchcock	Dorilyn		Undergraduate Coordinator	
Hoerrner	Keisha		Undergraduate Studies	
Jones	Foard		Dean's Office	
Mendez	Jesse	·····	Academic Affairs	
Reilly	Charles	CHR	Academic Affairs	
Wang	Youcheng		Academic Affairs	
Wolf	Ross		Academic Affairs and Technology	

UNDERGRADUATE COURSE REVIEW COMMITTEE MEETING ATTENDANCE SHEET 12/05/17

GUEST]		
Last	First	Signature	Department
Larson	Petr	With	History
Tolleson	KRISTINA	Helltson	theatre
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Course Agenda

1. Course Additions

College of Arts and Humanities Course Additions

AMH 4XXX HEAVE CAH-HIST 3(3,0) Civil Rights Movement: PR: Grade of C (2.0) or better required in ENC 1102 or AMH 2020, or C.I. The long struggle of the African American Civil Rights Movement, from its 19th century origins to legislative and judicial victories in the 1960s and beyond. Spring. Abbrev: (30 of 30 chars) American Civil Rights Movement

<u>Rationale</u>: To broaden our course offerings, in particular with topics relevant to modern society; there probably is no greater mass movement struggle in US history and this course will contribute to UCF's goal to assist students to understand their place in a global society.

WOH 4XXX

Age of Atlantic Revolutions 1848-1920: PR: AMH 2010, AMH 2020 or C.I. Compares the origins, development, and outcomes of the European Revolutions of 1848, the American Civil War, Cuban Rebellion, the Spanish-American War and the Mexican Revolution of 1910. *Occasional.*

Abbrev: (29 of 30 chars) Atlantic Revolutions1848-1920

<u>Discussion with others</u>: PoliSci contact Dr. Hamann confirmed no overlap with department offerings; no PoliSci class "has the same sort of historical focus." per email. Email attached. <u>Rationale</u>: This course provides history majors and minors with a transnational perspective of the intellectual, social, political and constitutional developments shaping the 19th and early 20th centuries. Additionally, the transnational emphasis provides our online majors a course that can meet any 1 of 3 geographical requirements.

DIG 2XXX

CAH-SVAD

CAH-HIST

3(3,0)

3(3,0)

Fundamentals of Game Art: PR: DIG 2000. Fundamental understanding of contemporary game art topics including vector vs rastor graphics, 2D sprite animation, **B**asic modeling, and texturing. *Spring, Fall.*

Abbrev: (24 of 30 chars) Fundamentals of Game Art

<u>Rationale</u>: There is no current course that provides students with an understanding of contemporary techniques for game art with an emphasis on 2D and introductory topics in game art.

DIG 3XXX

CAH-SVAD

3(3,0)

Social Platforms: PR: DIG 2000. Introduction to social media as platforms, considering the affordances of contemporary platforms and platform-specific content production. *Spring, Fall.* **Abbrev: (16 of 30 chars)** Social Platforms

<u>Rationale</u>: Addresses urgent need identified by external reviewers for modern content in web program.

<u>Majors taking course</u>: Digital Media BA students

DIG 3XXXC

CAH-SVAD

3(2,2)

Front-End Web Design: PR: DIG 2500. Principles of front-end web design using current markup and style languages. *Fall*.

Abbrev: (20 of 30 chars) Front-End Web Design

<u>Rationale</u>: The current Digital Media - Web specialization does not include any course addressing front-end design. This course also responds to the external reviewers' suggestion that the curriculum be modernized to clearly address mobile and responsive design. <u>Majors taking course</u>: Digital Media BA students

DIG 3XXX

CAH-SVAD

3(3,0)

Design for Accessibility and Engagement: PR: DIG 3XXXC Front-End Web Design. A multidisciplinary examination of methods and strategies for designing accessible and engaging web applications. *Spring, Fall.*

Abbrev: (29 of 30 chars) Des for Access and Engagement

<u>Rationale</u>: Addresses urgent need identified by external reviewers for modernizing our web program.

Majors taking course: Digital Media BA students

DIG 3XXXC

CAH-SVAD

3(3,2)

Game Level Design: PR: DIG 3480, DIG 4713, and DIG 4780C. Modern game engine implementation and coding techniques in the support of immersive level design. *Spring.* **Abbrev: (17 of 30 chars)** Game Level Design

<u>Rationale</u>: The current game design track does not include any course addressing OOP coding around level design. This helps bring relevant coding experience to game designers in the context of how it relates to levels.

Majors taking course: Digital Media BA students - Game Design Specialization

DIG 3XXXC

CAH-SVAD

3(3,2)

Game Testing: PR: DIG 4713, DIG 3480 and DIG 4780C. Impact of testing games through the exploration of real-world examples, peer critique, and personal analysis. *Spring.* **Abbrev: (12 of 30 chars)** Game Testing

<u>Rationale</u>: The current game design track does not include any course addressing game testing. This will provide an opportunity to understand how testing works and prepare students for potential entry level employment in the games industry.

Majors taking course: Digital Media BA students - Game Design Specialization

DIG 3XXXC

CAH-SVAD

3(3,2)

Physical Computing: PR: DIG 2500, DIG 2109 and DIG 2030. Integrate physical computing techniques and hardware design into their pigital Media Projects and Games. *Spring.* **Abbrev: (18 of 30 chars)** Physical Computing

<u>Rationale</u>: The current game design track does not include any course addressing physical computing. This is a new and emerging field in digital media and students should be introduced to it. This course can serve as an elective for web design as well.

Majors taking course: Digital Media BA students - Game Design specialization

DIG 4XXXC

CAH-SVAD

3(2,2)

Mobile Development: PR: DIG 3716C and DIG 3XXXC Front-End Web Design. Developing mobile applications using native Web technologies. *Spring.*

Abbrev: (18 of 30 chars) Mobile Development

<u>Rationale</u>: Addresses urgent need identified by external reviewers for mobile development in web program.

Majors taking course: Digital Media BA students - Web

DIG 4XXXC

CAH-SVAD

3(2,2)

Web Design Workshop II: PR: DIG 4104C. Practice collaborative skills through designing and implementing professional quality websites *Spring*.

Abbrev: (22 of 30 chars) Web Design Workshop II

<u>Rationale</u>: Allows for a sequential high-impact capstone experience for the Web Design program <u>Majors taking course</u>: Digital Media BA students - Web

DIG 4XXX

Å

CAH-SVAD

3(3,0)

Contemporary Topics in Digital Media: PR: DIG 2500, DIG 2109, and DIG 2030. A multidisciplinary examination of emerging methods and strategies to design engaging experiences in areas spanning digital media. *Spring*.

Abbrev: (25 of 30 chars) Contemporary Topics in DM

<u>Rationale</u>: This course is designed to highlight individual faculties expertise in an exploration of new topics relevant to digital media students. This allows for opportunities for students to engage in professor's research and gain first hand knowledge of emerging trends.

DIG 4XXXC

CAH-SVAD

3(3,2)

Digital Sculpting: PR: DIG 4324C. Develop sculptures in the real world, transpose them to a real-time virtual environment and output 3D virtual content back to a physical form. *Fall.*

Abbrev: (17 of 30 chars) Digital Sculpting

<u>Rationale</u>: There is no current course that covers the important topic of digital sculpting in the DM curriculum. This course will cover both traditional and contemporary skills including digital and physical sculpting.

DIG 4XXXC

CAH-SVAD

3(3,2)

Game Design Tools & Plugins: PR: DIG 3XXXC Game Level Design. Game development techniques for designing tools for other designers to use, implement plugins, and extend the game engine to accomplish game development goals. *Fall.*

Abbrev: (27 of 30 chars) Game Design Tools & Plugins

Rationale: To provide a 2 semester game development experience.

DIG 4XXXC

CAH-SVAD

3(3,2)

<u>Rationale</u>: There is no current course that covers optimizing a game on both the code and asset level to improve performance in developed games. This is an important skill for students when preparing to make games on mobile platforms or game consoles.

DIG 4XXXC

CAH-SVAD

3(3,2)

Multi-Modal Design: PR: DIG 2109, DIG 2030, and DIG 2500. Examine and develop for emerging platforms with an emphasis on multi-platform support. *Fall*.

Abbrev: (18 of 30 chars) Multi-Modal Design

<u>Rationale</u>: This course provides students with an opportunity to understand the design issues that occur when porting digital media project across multiple platforms. This will also provide access to new and emerging technologies.

DIG 4XXX

CAH-SVAD

3(3,0)

Portfolio Development: PR: DIG 4725C. Creation and marketing of personal portfolio and application of necessary communication skills to obtain industry-level employment. *Spring.* **Abbrev: (21 of 30 chars)** Portfolio Development

<u>Rationale</u>: There is no current course that provides students the insight to develop a professional portfolio for use in finding future employment.

DIG 4XXXC

CAH-SVAD

3(3,2)

Post-Production Game FX: PR: DIG 4XXX: Digital Sculpting. Polishing theories, techniques, and tools to increase the depth of interactivity and create a more visually dynamic experience. *Spring*.

Abbrev: (18 of 30 chars) Post Production FX

<u>Rationale</u>: There is no current course that provides students with hands on experience with adding Juice and polish to their games in an effort to improve outcomes

DIG 4XXXC

CAH-SVAD

3(3,2)

Game Design Workshop II: PR: DIG 4725C. Team-based continuation of DIG 4725C. Game design, production, and testing using professional tools and iterative design techniques. *Spring.* Abbrev: (23 of 30 chars) Game Design Workshop II

Rationale: To provide a 2 semester game development experience.

<u>Majors taking course</u>: Digital Media BA students - Game Design specialization

PGY 2XXXC

CAH-SVAD

3(2,4)

Creative Smart Phone Photography: PR: None. Explore methods of

creating/producing/presenting digital-based imagery and introducing the role of smart phone photography in contemporary culture. *Occasional*.

Abbrev: (26 of 30 chars) Creative Smart Phone Photo

<u>Rationale</u>: Initiate campus wide interest in visual culture and visual literacy through new techniques in photography.

Abbrev: (28 of 30 chars) Exp Studio Lighting in Photo Rationale: Offers a course in photography that does not currently exist and expands the knowledge of the medium for the students. 3(2,4)PGY 3XXXC CAH-SVAD Photography in the Expanded Field: PR: PGY 2401C. Explore the ways in which photography now exists in an expanded field of creative production. May be repeated for credit two-times. Fall. Abbrev: (27 of 30 chars) Photo in the Expanded Field Repeat For Credit: True-Max-Times: 2 Rationale: This course adds depth to 3000 level photography courses offered at the main campus. 3(2,4)PGY 3XXXC CAH-SVAD Film and Darkroom: PR: PGY 2401C. Various technical and aesthetic considerations of black and white analog photography. Occasional. Abbrev: (17 of 30 chars) Film and Darkroom Rationale: Offers a course in photography that does not currently exist and expands the knowledge of the medium for the students. 3(2,4)PGY 4XXXC CAH-SVAD Photography Theory and Practice: PR: Any 3000 level DEE PGY course. Theory and practice of photography as contemporary tools for art making. May be repeated for credit two times. Occasional. Abbrev: (29 of 30 chars) Photography Theory & Practice Repeat For Credit: True Val Max Times: 2 Vac Rationale: This course diversifies 4000 level photo courses offered at the main campus. **CAH-THEA** 3(3,0) Focus on performing artists' health and related topics. Spring. Abbrev: (28 of 30 chars) Health & Well Perform Artist Rationale: By expanding the content of the course to include health and wellness issues for theatre performers it will open of the class for all students in the School of Performing Arts. CAH-THEA 0(0,0) **TPA 1XXX** BFA Review I: PR: Theatre BFA major, Design and Technology or Stage Management track. BFA Review at the end of student's first semester for continuation in the program. Fall. Abbrev: (12 of 30 chars) BFA Review I Rationale: The addition of this course will ensure that students are completing these required program components and will aid with data collection for programmatic outcome assessment.

Experimental Studio Lighting in Photography: PR: PGY 2401C. Explore the variety of lighting

3(2,4)

possibilities and creative concepts using constructed set and studio lighting and experimental

THE 4XXX

PGY 3XXXC

techniques. Occasional.

Health and Wellness for the Performing Artist: PR: Theatre major, THE 2020 or THE 2000.

CAH-SVAD

Majors taking course: Theatre BFA majors, Design and Technology and Stage Management track

TPA 2XXX

CAH-THEA

0(0,0)

BFA Review II: PR: Theatre BFA major, Design and Technology or Stage Management track and TPA 1XXX BFA Review I. BFA Review at the end of student's second semester for continuation in the program. Spring.

Abbrev: (13 of 30 chars) BFA Review II

Rationale: The addition of this course will ensure that students are completing these required program components and will aid with data collection for programmatic outcome assessment. Majors taking course: Theatre BFA majors, Design and Technology and Stage Management track

TPA 3XXX

CAH-THEA

0(0,0)

Preliminary Portfolio Review: PR: TPA 3XXX BFA Review II. Review of the development of the student's professional portfolio Spring.

Abbrev: (28 of 30 chars) Preliminary Portfolio Review

Rationale: The addition of this course will ensure that students are completing these required program components and will aid with data collection for programmatic outcome assessment.

TPA 3XXX

CAH-THEA

0(0,0)BFA Review III: PR: Theatre BFA major, Design and Technology or Stage Management track, and TPA 2XXX BFA Review II. BFA Review at the end of student's fourth semester for continuation in the program. Spring.

Abbrev: (14 of 30 chars) BFA Review III

<u>Rationale</u>: The addition of this course will ensure that students are completing these required program components and will aid with data collection for programmatic outcome assessment.

TPA 4XXX

CAH-THEA

0(0,0)

Capstone Portfolio Review: PR: TPA 3XXX Preliminary Portfolio Review. Review of student's professional portfolio prior to graduation. Spring.

Abbrev: (25 of 30 chars) Capstone Portfolio Review

Rationale: The addition of this course will ensure that students are completing these required program components and will aid with data collection for programmatic outcome assessment.

ENC 4XXX心

(Tracham #) CAH-WRITE

3(3,5)

Practicum in Editing & Publishing: PR: "C" (2.0) or better in ENC 1102. Experiential-learning course. Students work as writers, marketers, web programmers, and editors for an existing publication housed in the Department of Writing and Rhetoric. Fall.

Abbrev: (30 of 30 chars) Practicum Editing & Publishing

Rationale: Course is being offered to enhance experiential learning and high-impact practice opportunities for students. It offers students a structured editorial/publication experience beyond the experiences that they might gain in selected internships.

- Check BC procham #3

College of Engineering and Computer Science Course Additions - Approved

ECS-IEMS EGS 4XXX EGS 4XXX ECS-IEINS S (1,4) Engineering Consumer Products: PR: Senior \$tanding in an #ngineering or Art major. The courses focus is design and engineering of consumer based products. The course emphasizes the aesthetics, user interface, ergonomics and safety of the proposed product. Fall.

Abbrev: (29 of 30 chars) Engineering Consumer Products

Rationale: Currently we do not have a course in Engineering Consumer Products. This addition will allow our students to strength their background in innovation and new product development.

ESI 4XXX

Supply Chain Engineering: PR: STA 3032 and ESI 4312. An introduction to basic principles and techniques of supply chain engineering through mathematical models and algorithms for Industrial Engineers. It includes industrial applications/case studies. Fall.

Abbrev: (24 of 30 chars) Supply Chain Engineering

Rationale: Currently we do not have a course in Supply Chain Engineering. This addition will allow our students to strength their operations and applications background and line up with other BSIE programs (such as Georgia Tech, Purdue, Northwestern, etc.)

EML 4XXX

ECS-MECH/AERO

ECS-IEMS

Digital Manufacturing: PR: "C" (2.0) or better in EML 3022C. This course covers additive manufacturing, subtractive manufacturing, computer-aided process planning and manufacturing, computer numeric control systems, manufacturing process monitoring, diagnostics, and

prognostics. Fall.

Abbrev: (21 of 30 chars) Digital Manufacturing

Discussion with others: IEMS was contacted and had no objections.

Rationale: The U.S. needs more manufacturing engineers to rebuild American manufacturing. Universities play a key role in providing students with knowledge about the fundamentals of digital manufacturing such as additive manufacturing and intelligent manufacturing. UCF does not have any course on digital manufacturing yet.

College of Health and Public Affairs Course Additions - Approved

HSA 2XXX

HPA-HMI

Civic Engagement in the US Healthcare System: PR: None. This course provides an overview of the fundamental principles and concepts of US healthcare policy, delivery, social determinants of health, and how services are distributed. Spring, Summer, Fall.

Abbrev: (29 of 30 chars) Civic Engagement in US Health

Discussion with others: Economics, Political Science, American History, Psychology, Sociology, Anthropology

3(3,0)

3(3,0)

<u>Rationale</u>: The course was developed to help our students gain a broad range of knowledge to understand the cultural, political, and economic aspects of healthcare in the United States. The U.S. healthcare system has experienced vast and rapid transformation and change while comprising 18% of the U.S. GDP. This course will allow students to understand the process by which healthcare resources are allocated and develop their critical thinking through analyzing the historical and contemporary approaches to healthcare delivery and its impact on today's environment. Through these foundations, the course will highlight how social determinants, innovations, and policies influence health. By developing an understanding of how national, state, and local policies impact healthcare, students will understand that their engagement in the US healthcare system can benefit themselves and their community as consumers and patient advocates for their family members.

HSA 4XXX

QL 10 3(3,0)

The Patient Experience from an Administrator's Perspective: PR: None. Evaluating patient experience, such as effectiveness and safety of care, is essential to providing a complete picture of health care quality for a healthcare administrator. *Spring, Summer, Fall.*

Abbrev: (18 of 30 chars) Pat Exp Admin View

<u>Discussion with others</u>: Should not conflict with other departments specific to Health Service Administration

Rationale: The patient experience encompasses the range of interactions that patients have with the health care system, including their care from health plans, and from doctors, nurses, and staff in hospitals, physician practices, and other health care facilities. As an integral component of health care quality, patient experience includes several aspects of health care delivery that patients value highly when they seek and receive care, such as getting timely appointments, easy access to information, and good communication with all providers. The healthcare administrator must understand the various measures and components of the satisfaction and how to enhance it over time to improve organizational effectiveness.

<u>Majors taking course</u>: BS in HSA

PAD 4XXX

HPA-PUB

HPA-HMI

3(3,0)

PUBLIC SERVICE LEADERSHIP: PR: Public Administration major, Senior Standing, PAD 4034, PAD 4104, and PAD 4131. Through this capstone experience, students will develop competencies as managerial leaders, learn about the major theoretical frameworks, and prepare themselves and others for public service. *Spring, Summer, Fall.*

Abbrev: (25 of 30 chars) Public Service Leadership

Discussion with others: None

<u>Rationale</u>: In addition to meeting the new university requirement that all students engage in a "Signature Experience," we want to add a capstone experience for our students. This course will include a portfolio assignment where students will be given the opportunity to review the work completed in the public administration program and reflect on how it applies to the sector and why it is important.

Majors taking course: Bachelor in Public Administration students

College of Optics and Photonics Course Additions - Approxed

Tabled from 11/22/2017

OSE 3200L

OPT-OPT

1(0,3)

Geometric Optics Lab: CR: OSE 3200 Geometric Optics. Light as rays. Reflection, refraction, transmission. Lenses, mirrors, prisms. Image formation, beam manipulation. Measure and characterize optical systems including telescopes, cameras, and microscopes. *Spring, Fall.*

Abbrev: (20 of 30 chars) Geometric Optics Lab

Discussion with others: None

<u>Rationale</u>: Two years ago, OSE 3200 Geometric Optics was added to the curriculum for Photonic Science and Engineering. The lab coursework remained in the OSE 3052L Introduction to Photonics Course. It has become apparent that there is a need to add the laboratory component since there is sufficient material in this course.

This course must be called OSE 3200L <u>Majors taking course</u>: Photonic Science and Engineering

Tabled from 11/22/2017

OSE 3XXX

OPT-OPT

3(3,0)

Analytical Methods for Optics: PR: MAP 2302 Differential Equations. Applications-oriented course on analytical concepts prevalent in optics and engineering integrating Matlab as a computational support tool. *Spring*.

Abbrev: (28 of 30 chars) Analytical Methods of Optics

<u>Rationale</u>: Feedback from faculty over the last three years has resulted in the need to increase coding and analysis skills for students. With a focus on applications, this class is designed to teach the students these concepts through relevant optical and engineering examples. The homework will have a required Matlab component so the students, throughout the entirety of this course will gain an intuitive understanding for computer coding and Matlab specifically.

College of Sciences Course Additions - Approved

Tabled from 11/22/2017

COM 4XXX

COS-COMM

3(3,0)

Health Literacy: PR or CR: COM 3003. Examines literature, theories and addresses health literacy. Engaging patients in decision-making process, guiding health professionals communication strategies, shared decisions and improving the health-care experience. *Fall.* **Abbrev: (15 of 30 chars)** HEALTH LITERACY

<u>Discussion with others</u>: Discussed with CBA and Health Sciences. No conflict (documentation attached)

<u>Rationale</u>: This course would be a required course in the Health Communications track and the application of strategies to develop health messages to solving health communication problems as well as provide better course sequencing.

Majors taking course: Health Communications majors

Tabled from 11/22/2017

COM 4XXX COS-COMM 3(3,0) Principles of Social Innovation and Activism: PR: Communication and Conflict major or PR or CR: COM 3003 or CI. This course examines and applies foundational communication knowledge, theories and skills to advocate for social justice in the modern world. *Fall.*

Abbrev: (25 of 30 chars) SOCIAL INNOV AND ACTIVISM <u>Rationale</u>: This course would be a required course in Social Innovation and Activism track and a restricted elective for Communication and Conflict majors. The emphasis is specifically on forms of strategic communication issues and strategies for promoting social justice.

2. Special Topics Additions

College of Arts and Humanities Special Topics Additions - Approved

ENC 3930H

CAH-ENG

ST: Honors Video Game Theory & Design: PR: Consent of Honors. Theoretical and applied concepts in video game design. With Honors content. *Occasional.*

Abbrev: (30 of 30 chars) Hon Video Game Theory & Design

<u>Discussion with others</u>: We don't believe there is overlap with other departments. It will be team-taught with SVAD (DIG 3930H).

DIG 3930H

CAH-SVAD

3(3,0)

ST: Honors Video Game Theory & Design: PR: Consent of Honors. Theoretical and applied concepts in video game design. With Honors content. *Occasional*.

Abbrev: (30 of 30 chars) Hon Video Game Theory & Design

<u>Discussion with others</u>: We don't believe there is overlap with other departments. It will be team-taught with English (ENC 3930H).

College of Business Administration Special Topics Additions- Touche

MAN 4932BA-MAN3(3,0)ST: Information Security: PR: Junior standing. The course explores issues related to
information security within and among organizations, the various threats at the personal,
organizational, national and societal levels, and other current issues associated with
organizational IT risk and security management. Occasional.

Abbrev: (20 of 30 chars) Information Security

<u>Discussion with others</u>: The course is supported by the College.

College of Engineering and Computer Science Special Topics Additions

EAS 3930H (with draw) ECS-MECH/AERO

3(1,3)

Contemporary Projects in Manufacturing Aerospace Platforms: PR: EGM 3601and Department Consent /Consent of Honors. This lecture and laboratory will develop skills in dynamic data acquisition, testing, and measurement techniques.

It will additionally provide an introduction into experimental modal analysis. *Occasional*. **Abbrev: (30 of 30 chars)** Manufacturing of Aero Platform

Discussion with others: Honors supports

College of Health and Public Affairs Special Topics Additions - Approved

HPA-CJ

CCJ 4932

3(3,0)

ST: Hate Crimes: PR: Sophomore Standing or C.I. Course examines criminal justice approaches to hate crimes, including theories, case studies, organization, legal outcomes, and criminal justice majors' roles in researching and preventing hate crimes. *Occasional:* Fall, Spinky Abbrev: (11 of 30 chars) Hate Crimes

Discussion with others: Sociology Department - "Sociology has no objections to the course" - Dr. Amy Donley.

Department of Political Science - "have no objections to it" - Dr. Barry Edwards.

Philosophy and Social Work was consulted - "No Objections."

<u>Rationale</u>: There exists a need for a course addressing the ongoing problem of hate crimes. This course also fills a gap in the criminal justice curriculum by providing information that will improve criminal justice practice among our students.

3. Course Revisions

College of Arts and Humanities Course Revisions -

CRW 3120

Fiction Writing Workshop

3(3,0)

PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

An_intermediate_level_fiction_writing-workshop-for-English-majors; group-analysis-and-criticism; close reading of contemporary fiction and fiction theory.

<u>Rationale</u>: We are deleting "junior standing" from the prerequisite. This will be consistent with our other course offerings and make it easier for students to register.

<u>There are 3 programs that list CRW 3120:</u> English - Creative Writing (B.A.), English - Creative Writing - Minor, Secondary Education - English Language Arts Education Track (B.S.)

CRW 3211

Creative Nonfiction Writing

3(3,0)

PR: English major or minor, junior standing, and grade of C (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

Writers present original nonfiction writing for class response and individual conferences. Reading of key works of creative nonfiction with discussion of definitions of the genre.

<u>Rationale</u>: We are deleting "junior standing" from the prerequisite. This will be consistent with our other course offerings and make it easier for students to register.

<u>There are 2 programs that list CRW 3211:</u> English - Creative Writing (B.A.), English - Creative Writing - Minor

CRW 3310

Poetry Writing Workshop

3(3,0)

PR: English major or minor, junior standing, and a grade of C (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

An intermediate level poetry workshop for English majors. Group analysis and criticism; close reading of contemporary poetry and poetic theory.

<u>Rationale</u>: We are deleting "junior standing" from the prerequisite. This will be consistent with our other course offerings and make it easier for students to register.

<u>There are 2 programs that list CRW 3310:</u> English - Creative Writing (B.A.), English - Creative Writing - Minor

CRW 3311

Readings in Poetry for Creative Writing 3

3(3,0)

PR: English major or minor, junior standing, and grade of "C" <u>C (2.0)</u> or better required in CRW 3013 and CRW 3053, or C.I.

Intensive study of the structural characteristics of English, poetry, metrical systems, rhyme, scansion, and poetic rhetorical devices.

<u>Rationale</u>: We are deleting "junior standing" from the prerequisite. This will be consistent with our other course offerings and make it easier for students to register.

<u>There are 2 programs that list CRW 3311:</u> English - Creative Writing (B.A.), English - Creative Writing - Minor

MUS 4674

Health and Wellness for the Performing Musician Health and Wellness for the Performing Artist

3(3,0)

PR: MUT 2127 or C.I. 1121.

Basic-musculoskeletal-anatomy, posture, common injuries Focus on performing artists' health and injury prevention, mental training, performance anxiety, practical performance, & pedagogic applications. related topics

Abbrey (28 of 30): Perf Musician Health Wellness Health & Well Perform Artist

Term Offered: Odd Spring

Max Times: 40 Repeat For Credit: No

Rationale: By expanding the content of the course to include health and wellness issues for theatre performers it will open of the class for all students in the School of Performing Arts. There are no programs that list MUS 4674.

REL 3432

Roots of Western Mysticism Mysticism

3(3,0)

PR: HUM 3431, HUM 3435, REL 3403, REL 3320, PHH 3100, or PHH 3200. Ancient, medieval, Examines the nature and early-modern-European-mysticism, patterns of mysticism as a unique form of human experience found in various cultural and its influences on religious, philosophical, artistic, and scientific thought in the West, religious traditions.

Abbrev (9 of 30): Roots of Western Mysticism Mysticism

Term Offered: Even-Fall,Odd Spring Odd Fall

Rationale: This revision from "Roots of Western Mysticism" to "Mysticism" will allow for a broader range of diverse content to be covered and for more faculty to be able to teach this course. There are 2 programs that list REL 3432: Religion and Cultural Studies - Minor, Religion and Cultural Studies (B.A.)

ART 2400C

Beginning Printmaking

3(2,4)

PR: ART2300C and 2201C.

Basic elements and techniques of printmaking covered. Relief, intaglio, and lithography. Assignments include practical application of printmaking as drawing tool.

Rationale: ART 2300C (Drawing 1), ART 2201 (2D) teach basic elements of art that are used in this course

There are no programs that list ART 2400C.

Sculpture

3(2,4)

ART 2701C PR: Three semester hours in three-dimensional work, ART 2201C, 2203C and ART 2203C, ART 2300C, ART 2301C. 2300C.

The challenge of communicating ideas through three-dimensional forms.

Rationale: ART 2300C (Drawing 1), ART 2203 (3D) teach basic elements of art that are used in this course

There are no programs that list ART 2701C.

ART 3170C

Book Binding

3(2,4)

PR: ART 2201C, ART 2203C, 2201C and ART 2823. 2300C. Basic book binding techniques, methods, structures, and production of books. Term Offered: Fall, Spring, Occasional Spring

Rationale: ART 2823 (Art as Interface is no longer a required core class. Base on the elements covered in ART 2201C (2D) and ART 2300C these are better PR's for the course There are 2 programs that list ART 3170C: Art - Studio Track (B.A.), Art - Studio Art (B.F.A.)

ART 3321C

Drawing Intensive

3(2,4)

3(2,4)

PR: Any 2000 level Art History. ART 2201C, ART 2203C, and ART 2301C.

Drawing concepts and techniques emphasizing observation from still life and the human figure to prepare students for Sophemore portfolio review.

Term Offered: Summer Fall, Spring

Rationale: New PRs accurately reflects the elements covered in this course There are no programs that list ART 3321C.

ART 3737C

Narrative Sculpture PR: ART 2201C, ART 2203C, ART 2300C, 2300C and ART 2301C. 2203C.

Aesthetics of sculpture incorporating narrative content and referencing historical contexts. May be repeated for eredit. credit two times.

Term Offered: Fall, Occasional Fall, Spring

Repeat For Credit: Yes Max Times: 99 2

Rationale: ART 2300C (Drawing 1), ART 2203 (3D) teach basic elements of art that are used in this course

There are 3 programs that list ART 3737C: Art - Studio Track (B.A.), Art - Studio Art (B.F.A.), Emerging Media - Experimental Animation Track (B.F.A.)

ART 3764C

Ceramic Handbuilding I

PR: Junior standing. ART 2754C.

Application of a variety of ceramic handbuilding procedures, including design, glaze application and firing process.

Term Offered: Occasional Fall, Spring

Rationale: ART 2754C (Beginning Ceramics) covers the basic elements of ceramics for this course

There is 1 program that lists ART 3764C: Art - Studio Art (B.F.A.)

ART 3833C

Processes and Ideas in Art

3(4,2)

3(2,4)

PR:Junior-Standing. PR: ART 2201C, ART 2203C, and ART 2301C.

This course emphasizes Emphasizes the development of individual creativity and the generation of new insights concerning artistic expression. These "formative activities" must be manifested by students in the form of small sculptures and/or other forms of creativity.

Rationale: The new prerequisites include all foundation courses

There are no programs that list ART 3833C.

ART 3951C

Design Intensive

3(2,4)

PR: Any 2000 level Art History. ART 2203C, and ART 2300C.

Interdisciplinary-design-course-emphasizing visual literacy skills-and-finished design-projects-with real world clients. Course covers Covers both two and three dimensional design content. concepts.

Term Offered: Summer Fall, SpringRepeat For Credit: NoMax Times: 4 0Rationale: New PRs accurately reflects the elements covered in this courseThere are no programs that list ART 3951C.

ART 4173C

The Artist Book

3(2,4)

PR: ART 2201C and ART 2203C. 3170C.

Definition of book from traditional hand-made to contemporary artist book. Redefining the elements, structure and content of books and the binding and printing methods in book production.

Rationale: ART 3170C (Book Binding) Covers the methods and techniques students will use to complete the projects for this course

There are 2 programs that list ART 4173C: Art - Studio Track (B.A.), Art - Studio Art (B.F.A.)

ART 4174C

The Printed Book

3(2,4)

PR: ART 2201C, ART 2203C, ART 2300C, and ART 2301C. 3170C.

Aesthetics of the printed book including binding techniques to make artist books. <u>Rationale</u>: ART 3170C (Book Binding) Covers the methods and techniques students will use to

complete the projects for this course

There are 2 programs that list ART 4174C: Art - Studio Track (B.A.), Art - Studio Art (B.F.A.)

ART 4177C Commercial Book Design and Publishing 3(2,4)

PR: ART 2823 and Junior standing or C.I. 3170C.

Analysis of art and design elements and their interpretation from a historical perspective. <u>Rationale</u>: ART 2823 (Art as Interface is no longer a required core class and ART 3170C (Book Binding) Covers the methods and techniques students will use to complete the projects for this course

There are 2 programs that list ART 4177C: Art - Studio Track (B.A.), Art - Studio Art (B.F.A.)

ART 4945C

Advanced Design Lab

3(2,4)

PR: ART 2201C, 2201C or ART 2203C, ART 2300C, ART 2301C, and a satisfactory portfolio review (ART 3950) 2203C or C.I. Cl.

Students design <u>Design</u> and develop visual solutions for real world clients in partnership with industry. May be used in the degree program a maximum of 3 repeated for credit two times. Term Offered: Fall, Spring

Repeat For Credit: Yes Max Times: 3 2

<u>Rationale</u>: ART 2201C (Design Fundamentals-Two Dimensional) and ART 2203C (Design Fundamentals-Three Dimensional) cover the basic elements of design needed for students to use in this course. Consent of Instructor allows this course to be open for Business and Engineering students to enroll.

There are no programs that list ART 4945C.

DIG 2000 Introduction to Digital Media PR: ENC 1101 and MAC 1105C. MAC1105C. 3(3,0)

Table

Introduction to history, principles, and processes associated with digital media and designing for digital media with emphasis on production and communication.

Rationale: This cleans up the prereqs for this course.

<u>There are 16 programs that list DIG 2000:</u> Digital Media - Minor, Digital Media (B.A.), Emerging Media - Character Animation Track (B.F.A.), Emerging Media - Graphic Design Track (B.F.A.), Emerging Media - Experimental Animation Track (B.F.A.), Film (B.F.A.), Film (B.A.), Teacher Education - Art Education Track (B.S.), Elementary Education (B.S.), Secondary Education - English Language Arts Education Track (B.S.), Teacher Education - World Languages Education Spanish Track (B.S.), Secondary Education - Mathematics Education Track (B.S.), Secondary Education - Science - Science - Science - Science -

DIG 2030

Digital Video Fundamentals

3(3,0)

PR: ENC-1101, MAC-1105C; CR: DIG 2000. 2000 and MAC1105C. Introduces concepts and principles of producing and assembling digital video and the tools and techniques of video and sound capture.

Rationale: This cleans up the prereqs for this course.

There are 14 programs that list DIG 2030: Digital Media - Minor, Digital Media (B.A.), Emerging Media - Character Animation Track (B.F.A.), Emerging Media - Graphic Design Track (B.F.A.), Emerging Media - Experimental Animation Track (B.F.A.), Teacher Education - Art Education Track (B.S.), Elementary Education (B.S.), Secondary Education - English Language Arts Education Track (B.S.), Teacher Education - World Languages Education Spanish Track (B.S.), Secondary Education - Science Education - Mathematics Education Track (B.S.), Secondary Education - Science Education Chemistry Track (B.S.), Secondary Education - Science Education Chemistry Education - Science - Science - Science - Science - Science - Science - Scien

DIG 2109

Table

Digital Imaging Fundamentals 3(3,0)

CR: PR: DIG 2000. 2000 and MAC1105C.

Introduces concepts and principles of image creation, and the tools and techniques of image capture, creation, manipulation, and integration for design concepts.

Repeat For Credit: No Max Times: 4 0

<u>Rationale</u>: This cleans up the prereqs for this course.

There are 14 programs that list DIG 2109: Digital Media - Minor, Digital Media (B.A.), Emerging Media - Character Animation Track (B.F.A.), Emerging Media - Graphic Design Track (B.F.A.), Emerging Media - Experimental Animation Track (B.F.A.), Teacher Education - Art Education Track (B.S.), Elementary Education (B.S.), Secondary Education - English Language Arts Education Track (B.S.), Teacher Education - World Languages Education Spanish Track (B.S.), Secondary Education - Mathematics Education Track (B.S.), Secondary Education - Science Education Biology Track (B.S.), Secondary Education - Science Education Chemistry Track (B.S.), Secondary Education - Science - Sci

DIG 2500

Fundamentals of Interactive Design

3(3,0)

CR: PR: DIG 2000. 2000 and MAC1105C.

Foundations of interactive media including user-interface design. Students combine audio, video, imaging, and animation using industry standard software.

Repeat For Credit: No Max Times: 4 0

Rationale: This cleans up the prereqs for this course.

There are 14 programs that list DIG 2500: Digital Media - Minor, Digital Media (B.A.), Emerging Media - Character Animation Track (B.F.A.), Emerging Media - Graphic Design Track (B.F.A.), Emerging Media - Experimental Animation Track (B.F.A.), Teacher Education - Art Education Track (B.S.), Elementary Education (B.S.), Secondary Education - English Language Arts Education Track (B.S.), Teacher Education - World Languages Education Spanish Track (B.S.), Secondary Education - Mathematics Education Track (B.S.), Secondary Education - Science Education Biology Track (B.S.), Secondary Education - Science Education Chemistry Track (B.S.), Secondary Education - Science - Science - Science - Science - Science - Science - Sci

DIG 3134

Media Software Design Server-Side Scripting

3(3,0)

PR: DIG 3480. 3716C and DIG 3XXX Front-End Web Design.

Fundamentals <u>Principles</u> of interactive software development within Internet environments. Focus on-server-side scripting methodologies and <u>development</u>, including database design.

Abbrev (21 of 30): Media Software Design Server-Side Scripting

Term Offered: Fall, Spring Fall

Repeat For Credit: No Max Times: 4 <u>0</u>

Rationale: Updating name for clarity with current industry discourse and expectations; Addresses urgent need identified by external reviewers for modernizing our web program.

Majors taking course: Digital Media BA students

There are 3 programs that list DIG 3134: Film (B.F.A.), Digital Media - Minor, Digital Media (B.A.)

DIG 3480

Computer as a Medium

3(3,0)

PR: DIG 2500 2500, DIG 2030 and a minimum grade of "B" (3.0) in DIG 2000. 2109.

Fundamentals of client-side coding and scripting inside modern game engines with an emphasis <u>a focus</u> on web-technologies. Development of interactive web-sites using current scripting languages. functionality and utilizing the computer as a medium to power their art.

Term Offered: Fall, Spring Fall

Repeat For Credit: No Max Times: 4.0

<u>Rationale</u>: This course will become an introduction to game engines. This is a required skill that is important to our current students and is not directly covered in any other course.

Majors taking course: Digital Media BA - Game Design specialization

<u>There are 4 programs that list DIG 3480:</u> Digital Media - Minor,Art - Visual Arts and Emerging Media Management Track (B.A.),Digital Media (B.A.),Emerging Media - Character Animation Track (B.F.A.)

DIG 3716C

Internet Interaction Client-Side Scripting 3(2,2)

PR: DIG 3480. 2500.

Front end planning and design of Object-oriented web pages. Design programming using markup client-side scripting languages and style sheets to produce visually pleasing and usable interactive interfaces. Abbrev (21 of 30): Internet-Interaction-Client-Side Scripting Term Offered: Fall, Spring Repeat For Credit: No Max Times: 40 Rationale: Addresses urgent need identified by external reviewers for modernizing our web program. Majors taking course: Digital Media BA students - web specialization There are 3 programs that list DIG 3716C: Digital Media - Minor, Art - Visual Arts and Emerging Media Management Track (B.A.), Digital Media (B.A.) DIG 4104C Web Design Workshop 3(2,2)Web Design Workshop | PR: DIG 3134C, DIG 3716C, DIG 3563, 3716C and DIG 3811, 3134. Students will practice designing Individual web development and implementing professional-quality-websites. May be used in the degree program a maximum of 2-times. master professional workflow tools. Abbrev (21 of 30): Web-Design-Workshop-Web Design Workshop I Term Offered: Fall, Spring Fall Repeat For Credit: Yes No Max Times: 20 Rationale: No longer repeatable: allows for clearer differentiation of objectives and scaffolding of progressive learning. Allows for a sequential high-impact capstone experience for the Web Design program. Majors taking course: Digital Media BA students There is 1 program that lists DIG 4104C: Digital Media (B.A.) **DIG 4324C** Modeling for Realtime Systems II 3(2,2)PR: DIG 4780C. Advanced techniques Low and high-poly mesh, textures and maps, level of detail, animation, character creation, rigging, and weighting for character animation, texture, lighting, rendering. Project-oriented. use in real-time systems and learn to design around the limitations of a game engine. Term Offered: Fall, Spring Rationale: The course is going to focus more on animation and rigging models moving forward. There is 1 program that lists DIG 4324C: Digital Media (B.A.) DIG 4630C Media Business Practices 3(2,2) **Creative Industries** PR: DIG 3525. Media Overview of media as a business, including market structures, funding models, and business practices for working with interactive web sites practices. Emphasis on web, social media, and other media interfaces. Covers skills related to e-commerce and other forms video games as sectors of dynamic media. the industry Abbrev (19 of 30): Media-Business-Practices-Creative Industries

Repeat For Credit: No Max Times: 40 Rationale: Responds to external reviewer concern regarding dated content, reflects changing needs of students entering consulting / contracting / independent positions in web and games Majors taking course: Digital Media BA students - Web specialization There are 3 programs that list DIG 4630C: Digital Media - Minor, Art - Visual Arts and Emerging Media Management Track (B.A.), Digital Media (B.A.) 3(3,0) DIG 4713 Game Design PR: DIG 3024, 2109, DIG 3525 2500 and declared Game Design Track. DIG 2030. Principles and theories of video game design, including software, content, interaction, and game play design. Project based. Repeat For Credit: No Max Times: 40 Rationale: This cleans up the prereqs for this course. There are 2 programs that list DIG 4713: Digital Media - Minor, Digital Media (B.A.) **DIG 4720C Casual Game Production** 3(2,2)PR: DIG 2500, a minimum grade of "B" (3.0) in 4713 and DIG 4713, and a satisfactory portfolio review. <u>4715C.</u> Students will learn to design Design and implement casual video games using professional tools and iterative design techniques. Repeat For Credit: No Max Times: 40 <u>Rationale</u>: This prereq change provides a consistent basis for all students taking this course. There is 1 program that lists DIG 4720C: Digital Media (B.A.) Game Design Workshop DIG 4725C 3(2,2) Game Design Workshop I PR: DIG 4715C; FIL 3720C, a minimum grade of "B" (3.0) in 4715C and DIG 4713, and a satisfactory portfolio review. 3XXX Game Testing. Students will-learn to design Design and implement video games pre-production of a game using professional tools and iterative design techniques. May be used in the degree program a maximum-of-4 times. Abbrev (22 of 30): Game Design Workshop Game Design Workshop I Term Offered: Fall, Spring Fall Max Times: 40 Repeat For Credit: Yes No Rationale: This course is being modified to make it flow into Game Design Workshop 2. This will become a 2 semester experience in game development. Majors taking course: Digital Media BA students - Game Design specialization There is 1 program that lists DIG 4725C: Digital Media (B.A.) **Cinematic Expression/Aesthetics** 3(3,0) FIL 1008 **Cinematic Expression I** PR: Digital-Media-or-Cinema-Studies Film BA major. Analysis and practice of aesthetic principles essential in filmmaking, including composition,

moving graphics, image design, lighting styles.

Abbrev (22 of 30): Cinematic Expr Aesthetics Cinematic Expression I

<u>Rationale</u>: This revision will create the distinction between FIL 1008 and FIL 3462C Cinematic Expression, which will be renamed to FIL3462C Cinematic Expression II. <u>There are 2 programs that list FIL 1008:</u> Film (B.F.A.), Film (B.A.)

	<u>FIL 3427C</u>	Introduction to Film Production	2/2 4	
1	FIL 2427		<u>3(2,4)</u> 2(2,0)	
	-	A or World Cinema-major. <u>BA Major.</u>	3(3,0)	
	Introduction to budgeting, script h	reakdown, construction of production	utilizing film oquipmont	
	Basic technical boards, scheduling	g, location scouting, and aesthetic as	enterof production crow	
	positions.	<u>and acometers</u> and acometers as		
	Term Offered: Fall <u>Fall, Spring</u>			
		he course description and outcomes t	o reflect new standards	
1	and practices in the new proposed	d curriculum. We are eliminating FIL 2	2107 as a prerequisite, and	
	opening it up to BA students. Mos	st importantly, we are downgrading this	s course from a 3000-level	
	to a 2000-level to better serve stu-	dents transferring credits into our proc	gram. Most Intro to	
	Production course are 2000-level	or lower in other curricula.	- -	
	There is 1 program that lists FIL 3	<u>427C: </u> Film (B.F.A.)		
,	/			
/		Cinematography I	3(3,0)	
	FIL 2461C		3(2,1)	
	PR: FIL 2552 Film BA major and F	FIL 2480. 2XXX Introduction to Produc	<u>ction.</u>	
	Concepts An Introduction to the pr	rinciples of the motion image capture	<u>process: camera, lenses,</u>	
	lignung, and tools of cinematograp	ohy <u>grip theories, techniques</u> and light	ing. <u>technologies.</u>	
	Term Offered: Fall <u>Fall, Spring</u> Repeat For Credit: No	Most Time at 4.0		
		Max Times: 4 <u>0</u>	e wefle et werne stew de vole	
	and practices in the proposed Film	he course description and outcomes to n curriculum. We are eliminating FIL 2	p reliect new standards	
	preferences, and revising the lecture a	and lab contact hours from 3,0 to 2,1.	552 and FIL 2460 as	
	There are 2 programs that list FIL	2461 Film (B E A) Film (B A)		
I	FIL 2480	Directing for Film I	3(3,0)	
l	ם	Directing Techniques for Film		
	PR: FIL 1007, <u>Film BA or Film BFA</u>	<u>A major, </u> FIL 1008, and FIL 3427C. PF	? or CR: FIL 3115.	
	FIL2XXX Intro to Film Production.			
	Introduction to processes and tech	niques for <u>of f</u> ilm directing.		
	Abbrev (20 of 30): Directing for I	Film I Directing Techniques		
	Term Offered: <u>Fall,</u> Spring			
	Rationale: This revision updates th	ne course description and outcomes a	nd removes the	
	prerequisite of FIL 3115 Short Scri	ipt I to reflect new standards and prac	tices in the proposed film	
	curriculum. The title change better	reflects the course's place in the new	<i>i</i> curriculum.	
	There are 2 programs that list FIL	<u>∠480:</u> Film (B.F.A.),Film (B.A.)		
*	` <u>FIL 3534</u> S	ound Design for Film I	2/2 01	
	FIL 2534		3(3,0)	
		r and FIL 3427C and Film BEA 2552 c		

PR: Film BA or Digital Media major and FIL 3427C and Film BFA 2552 or C.I. DIG 2030.

Technical and aesthetic aspects <u>An introduction to the principles</u> of production and post-production <u>the motion picture</u> sound <u>process</u>: recording, editing, and mixing for film. theories, techniques, and technologies.

Term Offered: Fall Fall, Spring

<u>Rationale</u>: We would like to make this a 2000-Level course to better serve students transferring into our program, as most introductory sound courses are 2000-level. This revision also updates the course description and outcomes to reflect new standards and practices in the new proposed curriculum.

There is 1 program that lists FIL 3534: Film (B.F.A.)

FIL 2552

Editing I

3(3,0)

PR: FIL 1008 and FIL 3427C. PR or CR: FIL 3115. Film BA major.

Basic editing concepts Introduction to the principles of motion picture post-production process: editing, workflow, and exhibition theories, techniques, using non-linear editing systems. and technologies.

Term Offered: Fall, Spring

<u>Rationale</u>: This revision updates the course description and outcomes to reflect new standards and practices in the proposed film curriculum.

There are 2 programs that list FIL 2552: Film (B.F.A.), Film (B.A.)

FIL 3462C

Cinematic Expression Cinematic Expression II 3(3,1)

PR: <u>Film BA or Film BFA major and </u>FIL 3803C. <u>1008.</u>

Cinematography-using video format; Advanced study of fundamentals the film image, sound, and sequence using principles and elements of motion-picture communication, film structure visual, aural, and storytelling. cinematic design theory. The course will include practical studies and films.

Abbrev (23 of 30): Cinematic Expression-Cinematic Expression II

Term Offered: <u>Fall,</u> Spring

<u>Rationale</u>: This course title revision will create a distinction between FIL 1008, which will be renamed to Cinematic Expression I.

There are 2 programs that list FIL 3462C: Film (B.F.A.), Film (B.A.)

FIL 4162C

Feature/TV Writing I

3(2,3)

PR: Film BFA, World Cinema, or Cinema Studies major, or Cinema Studies minor, BFA Major and FIL 3115, or C.I. 1102.

Writing-workshop, examination <u>Tutorial-based studio course in which students author</u> <u>feature-length screenplays over the course of mythic storytelling, and ethics of scriptwriting.</u> <u>two</u> <u>semesters.</u> May be repeated for credit one time.

Repeat For Credit: No Yes Max Times: 1

<u>Rationale</u>: The course description, outcomes, and prerequisites have changed to reflect new standards and practices in the new proposed curriculum.

There is 1 program that lists FIL 4162C: Film (B.F.A.)

PR: Film BFA major, FIL 3102, FIL 3115, and FIL 4162C.

Advanced-writing workshops, principles and methods <u>Tutorial-based studio course in which</u> students author feature-length screenplays over the course of adaptation and reader's coverage. two semesters. May be repeated for credit one time.

Repeat For Credit: No Yes Max Times: 1

<u>Rationale</u>: The course description, objectives, and prerequisites have changed to reflect new standards and practices in the new proposed curriculum.

There is 1 program that lists FIL 4163C: Film (B.F.A.)

FIL 4301C

Documentary Workshop I Documentary Production I

3(1,3)

PR: FIL 3363C or C.I. Film BFA Major and ENC 1102.

Socially significant documentary projects <u>Tutorial-based studio course in which students author</u> and apply narrative structure and production techniques to nonfiction film. May be repeated for community-groups, heritage-organizations, non-profit-agencies-using film, video-and-digital media. <u>credit one time.</u>

Abbrev (24 of 30): Documentary Workshop I Documentary Production I

Repeat For Credit: No Yes Max Times: 1

<u>Rationale</u>: The course title, description, objectives, and prerequisites have changed to reflect new standards and practices in the proposed Film curriculum.

<u>There is 1 program that lists FIL 4301C:</u> Film (B.F.A.)

FIL 4302C

Documentary Workshop II Documentary Production II

3(1,3)

PR: <u>Film BFA Major, FIL 4301C or C.I.</u> 3363C, and FIL 4301C.

Advanced documentary projects <u>Tutorial-based studio course in which students author and apply</u> <u>narrative structure and production techniques to nonfiction film. May be repeated for community</u> groups, heritage organizations, non-profit agencies and NGOs-using film, video and digital media. <u>credit one time.</u>

Abbrev (25 of 30): Documentary Workshop II-Documentary Production II

Repeat For Credit: No Yes Max Times: 1

<u>Rationale</u>: The course title, description, objectives, and prerequisites have changed to reflect new standards and practices in the proposed Film curriculum.

<u>There is 1 program that lists FIL 4302C:</u> Film (B.F.A.)

FIL 4434C

Capstone I

3(2,4)

Capstone I - The Professional Practice

PR: FIL 3132 <u>Senior standing</u> and Film <u>BA or Film</u> BFA or World Cinema major. Intensive tutorial guidance, instruction and evaluation of final film projects from initial concept through production. May be repeated <u>Prepares students</u> for credit. <u>the transition to a professional</u> <u>practice</u>, <u>clarifying the paths available to visual artists after graduation</u>.

Term Offered: Fall Fall, Spring

Repeat For Credit: Yes No Max

Max Times: 99 0

<u>Rationale</u>: The course description, objectives, and prerequisites have changed to reflect new standards and practices in the proposed Film curriculum. Also, this revision allows the course to provide a signature experience for our majors. <u>There are 2 programs that list FIL 4434C:</u> Film (B.F.A.),Film (B.A.)

FIL 4472C Cinematography II 3(2,4) PR: Film major, BA major and FIL 3427C, FIL-2461, 2461C. Advanced principles An intermediate course focusing on the concepts and practices techniques of cinematography. film/video image making and related technologies. Term Offered: Fall, Spring Rationale: The course description, objectives, and prerequisites have changed to reflect new standards and practices in the proposed Film curriculum. There are 2 programs that list FIL 4472C: Film (B.F.A.), Film (B.A.) FIL 4486C 3(3,1) Directing for Film II PR: Film BFA BA major and FIL 2480. Principles An advanced course examining the processes and practice in techniques of film directing narrative and/or documentary motion pictures. and working with actors. Term Offered: Fall, Spring Rationale: The course description, objectives, and prerequisites have changed to reflect new standards and practices in the proposed Film curriculum. There is 1 program that lists FIL 4486C: Film (B.F.A.) FIL 4535C Sound Design for Film II 3(3,1) PR: Film BA or Film BFA or Digital media major and FIL 3534. 2XXX Sound Design for Film. An understanding intermediate course focusing on the concepts and techniques of how production mixers bring film sound production, related technologies, and the film director's vision to the screen. collaborative process of achieving a project's vision. Term Offered: Fall, Spring Rationale: The course description, objectives, and prerequisites have changed to reflect new standards and practices in the proposed Film curriculum. There are 2 programs that list FIL 4535C: Film (B.F.A.), Film (B.A.) **FIL 4566C** 3(3,2) Editing II PR: Film BA or Film BFA major and FIL 2552. Theory, techniques Advanced theory and practices in picture-editing. practice of film editing. emphasizing hands-on work and critique, related post-production processes, and the collaborative process of achieving a project's vision.

Term Offered: Fall Fall, Spring

<u>Rationale</u>: The course description, objectives, and prerequisites have changed to reflect new standards and practices in the proposed film curriculum.

There are 2 programs that list FIL 4566C: Film (B.F.A.), Film (B.A.)

Capstone II Capstone II - Exhibition & Seminar

3(1,3)

- -

PR: <u>Film BFA Major, Senior standing, and FIL 4434C.</u>

Intensive tutorial guidance, instruction <u>Exhibition</u> and evaluation of final film projects in post production. May be repeated for credit. <u>seminar</u>. Students curate their individual BFA works into a public exhibition.

Repeat For Credit: Yes No Max Times: 99 0

<u>Rationale</u>: The course description, objectives, and prerequisites have changed to reflect new standards and practices in the proposed Film curriculum, and removes the requirement to make a film. Also, this revision allows the course to provide a signature experience for our majors. <u>Majors taking course</u>: Film BFA Majors

There is 1 program that lists FIL 4573C: Film (B.F.A.)

ElL 3876C Experimental Cinema I 3(3,1) FIL 4876C 3(2,4)

PR: FIL 3075C. Film BA or BFA majors and ENC 1102.

A-notion <u>Tutorial-based studio course in which students author creative work within the modality</u> of cinema as an expansion of possibilities organized around formal, material, and conceptual aspects of film. <u>experimental cinema</u>. May be repeated for credit one time.

Term Offered: Fall, Spring Fall

Repeat For Credit: No Yes Max Times: 1

<u>Rationale</u>: We would like to make this a 4000-Level course in an effort to make all our studio courses the same level. This revision also updates the course description and outcomes to reflect new standards and practices in the proposed curriculum.

There are no programs that list FIL 3876C.

FIL 3877C

Experimental Cinema II

3(3,1) 3(2,4)

FIL 4877C

PR: Film BA or BFA major, FIL 3876C. <u>3051</u>, and FIL <u>4XXXC</u> Experimental Cinema I. Concentration on specific aesthetic strategies <u>Tutorial-based studio course in which students</u> <u>author creative work within the modality</u> of experimental film including those derived from the work of artists outside of the film related to treatments of reality and the perception of light.

cinema. May be repeated for credit one time.

Repeat For Credit: No Yes Max Times: 1

<u>Rationale</u>: We would like to make this a 4000-Level course in an effort to make all our studio courses at the same level. This revision also updates the course description and outcomes to reflect new standards and practices in the proposed Film curriculum.

There are no programs that list FIL 3877C.

THE 3272

What a Drag: The Art of Transgender in Entertainment Shakespeare to RuPaul: Drag in Entertainment

3(3,0)

PR: ENC 1102.

The use of transgender drag performance in entertainment.

Abbrev (21 of 30): Transgender Entertainment-Drag in Entertainment

<u>Discussion with others</u>: We discussed with Women's and Gender Studies and there is no conflict. Email attached.

<u>Rationale</u>: The primary need for changing the course name is that the original name reinforces an incorrect thought that Drag and Transgender are the same thing. They are not the same thing, Drag is an entertainment based practice, while Transgender is a physical and psychological identity.

<u>There are 4 programs that list THE 3272:</u> Interdisciplinary Studies - Transnational Gender, Race, and Sexuality Studies Track (B.A.),Gender Studies - Certificate,Women's and Gender Studies - Minor,Entertainment Management (B.S.)

TPA 2290L

Theatre Participation-Production I

1(0,VAR) VAR(0,VAR)

PR: Theatre major Major, Theatre Minor or minor. Dance Minor.

Participation in UCF Theatre productions. May be used in the degree program a maximum of 8 times.

<u>Rationale</u>: This revision brings our program in line with CPP course numbering. We will offer sections of this course for 1 credit hour and for 0 credits so that students are not taking excessive hours if they choose to participate in more than one production.

Majors taking course: Theatre majors

<u>There are 7 programs that list TPA 2290L:</u> Theatre - Minor, Dance - Minor, Theatre Studies (B.A.), Theatre - Musical Theatre Track (B.F.A.), Theatre - Acting Track (B.F.A.), Theatre - Stage Management Track (B.F.A.), Theatre - Design and Technology Track (B.F.A.)

TPP 2190L Theatre Participation-Performance I 1(0,VAR)

VAR(0,VAR)

PR: Theatre major <u>Major, Theatre Minor</u> or minor or department consent. <u>Dance Minor.</u> Participation in UCF Theatre productions. May be repeated for credit.

<u>Rationale</u>: This revision brings our program in line with CPP course numbering. We will offer sections of this course for 1 credit hour and for 0 credits so that students are not taking excessive hours if they choose to participate in more than one production.

Majors taking course: Theatre Majors

There are 2 programs that list TPP 2190L: Dance - Minor, Theatre - Acting Track (B.F.A.)

TPP 3510C	Movement for the Actor I	2(2,1)
		2(2,2)

PR: BFA Acting Major.

JPP 3513C

Physical exploration of relaxation, release, and strengthening exercises designed to help the actor develop a more expressive body.

<u>Rationale</u>: This revision brings the contact hours in line with our other 2 credit studio courses (voice and combat) and aligns them with our NAST accrediting agency guidelines for contact hours for studio courses.

There is 1 program that lists TPP 3510C: Theatre - Acting Track (B.F.A.)

Movement for the Actor II	2(2,1)
	2(2,2)

PR: C (2.0) or better in TPP 3510C.

Reinforcement of the techniques of TPP 3510C.

Term Offered: Fall, Spring

<u>Rationale</u>: This revision brings the contact hours in line with our other 2 credit studio courses (voice and combat) and aligns them with our NAST accrediting agency guidelines for contact hours for studio courses.

There is 1 program that lists TPP 3513C: Theatre - Acting Track (B.F.A.)

TPP 4531C

Period Movement

 $\frac{2(2,1)}{2(2,2)}$

PR: Grade of C (2.0) or better required in TPP 3173C.

Continuation of Movement/Dance work. Emphasis given to period styles.

<u>Rationale</u>: This revision brings the contact hours in line with our other 2 credit studio courses (voice and combat) and aligns them with our NAST accrediting agency guidelines for contact hours for studio courses.

<u>There is 1 program that lists TPP 4531C:</u> Theatre - Acting Track (B.F.A.)

College of Business Administration Course Revisions

ECO 4443Introduction to Business Analytics3(3,0)PR: Mathematical Economics, Econometrics I ECO 3410 and Econometrics II. ECO 4412, or
permission of department.ECO 4412, or

Students are introduced to important tools of business analytics; first, UNIX, SQLite, and Python; then analyzing data using R and implementing numerical methods using Python. Term Offered: Fall Spring

There are no programs that list ECO 4443.

FIN 3414

Intermediate Corporate Finance

3(3,0)

PR: FIN 3403 with a "B" (3.0) or better; open to finance majors and minors, or with instructor <u>department</u> consent which will be based on meeting qualifications for finance majors and minors. <u>Must be taken with or before FIN 4243 and FIN 4504.</u>

In-depth study of the principles of corporate finance. Investment, financing, and capital decisions are examined.

Rationale: The material in FIN 4243 and FIN 4504 is best understood when students have learned (or are learning) the corporate finance concepts in FIN 3414.

<u>There are 5 programs that list FIN 3414:</u> Finance: Corporate Finance - Certificate, Finance - Minor, Accounting - Minor, Real Estate (B.S.B.A.), Finance (B.S.B.A.)

FIN 3461

Financial Statement Analysis

3(3,0)

PR: FIN 3403 with a "B" (3.0) or better; open to finance majors and minors, or with instructor department consent which will be based on meeting qualifications for finance majors and minors. Understanding and interpreting financial statement data for business decisions and valuations. Rationale: As a restricted major, the finance chair will make all decisions on enrollment of non finance majors and minors for consistency purposes.

There are 2 programs that list FIN 3461: Finance (B.S.B.A.), Finance - Minor

FIN 4243

Debt and Money Markets

3(3,0)

PR: FIN 3403 with a "B" (3.0) or better. Open to finance majors and minors, or with instructor <u>department</u> consent which will be based on meeting qualifications for finance majors and minors. <u>Must be taken with or after FIN-3414</u> YFWORF (

Course examines debt, money market investments, market structure, trading and valuation. Risk management introduced. Roles of banking systems, and financial institutions in fixed income markets.

Rationale: The material in EIN 4243 and FIN 4504 is best understood when students have learned (or are learning) the corporate finance concepts in FIN 3414. (AN WAYE WONKED W WE There are no programs that list FIN 4243.

FIN 4324

Commercial Bank Management

3(3,0)

PR: FIN 4243 with a "C" (2.0) or better; open to finance majors and minors, or with instructor <u>department</u> consent which will be based on meeting qualifications for finance majors and minors. Analysis of the intersections of commercial banking policies and an analysis of current approaches to managing specific bank products.

Rationale: As a restricted major, the finance chair will make all decisions on enrollment of non finance

majors and minors for consistency purposes.

There are 3 programs that list FIN 4324: Finance: Banking - Certificate, Finance

(B.S.B.A.), Finance - Minor

Advanced Topics in Financial Management 3(3,0)

PR: FIN 3414, FIN 4243 and FIN 4504 each with a "C" (2.0) or better; open to finance majors and minors, or with instructor department consent which will be based on meeting qualifications for finance majors and minors.

Advanced study in financial management. Topics include capital budgeting, financial structure, and capital decisions. Case studies used extensively.

<u>Rationale</u>: As a restricted major, the finance chair will make all decisions on enrollment of non finance majors and minors for consistency purposes.

There are 2 programs that list FIN 4424: Finance - Minor, Finance (B.S.B.A.)

FIN 4453

FIN 4424

Financial Models

3(3,0)

PR: FIN 4243 and FIN 4504, each with a "C" (2.0) or better; open to finance majors and minors, or with instructor department consent which will be based on meeting qualifications for finance majors and minors.

Mathematical models applied specifically to financial problems, including those models suitable for representation and solutions on computers.

Term Offered: Fall, Spring, Summer

<u>Rationale</u>: As a restricted major, the finance chair will make all decisions on enrollment of non finance majors and minors for consistency purposes.

There are 3 programs that list FIN 4453: Finance (B.S.B.A.), Accounting - Minor, Finance - Minor

FIN 4504

Equity and Capital Markets

3(3,0)

PR: FIN 3403 with a "B" (3.0) or better; open to <u>finance majors and minors</u>, or minors <u>with</u> <u>department consent</u> which require this course. <u>will be based on meeting qualifications for finance</u> <u>majors and minors</u>. <u>Must be taken with or after FIN-3414</u>.

Course examines equity investments, including market structure, trading, analysis, and valuation. Theories of efficient markets and rational investors are examined. Futures and options are introduced.

<u>Rationale</u>: The material in FIN 4243 and FIN 4504 is best understood when students have learned (or are learning) the corporate finance concepts in FIN 3414. Charge use the corporate finance concepts in FIN 3414. Charge use the corporate finance in Finace in Finance in Finance in Finance in Fina

FIN 4514

Portfolio Analysis and Management

3(3,0)

PR: FIN 4504 with a "C" (2.0) or better; open to finance majors and minors, or with instructor department consent which will be based on meeting qualifications for finance majors and minors. Portfolio and capital market theory in the determination of rational investment policies. Risk analysis, portfolio analysis, and evaluation techniques.

Term Offered: Fall, Spring Spring, Summer

<u>Rationale</u>: As a restricted major, the finance chair will make all decisions on enrollment of non finance majors and minors for consistency purposes.

<u>There are 3 programs that list FIN 4514:</u> Finance: Investments - Certificate, Finance (B.S.B.A.), Finance - Minor

FIN 4533

Financial Derivatives

3(3,0)

PR: FIN 4504 or FIN 4243, each with a "C" (2.0) or better; open to finance majors and minors, or with instructor department consent which will be based on meeting qualifications for finance majors and minors.

Options, futures, forwards, and other derivative contracts. Investments traded in these markets are examined. Pricing and hedging are considered.

<u>Rationale</u>: As a restricted major, the finance chair will make all decisions on enrollment of non finance

majors and minors for consistency purposes.

Recommending

<u>There are 3 programs that list FIN 4533:</u> Finance: Investments - Certificate, Finance (B.S.B.A.), Finance - Minor

FIN 4604

International Financial Management

3(3,0)

PR: FIN 3403 with a "B" (3.0) or better; open to finance majors and minors, or with instructor <u>department</u> consent which will be based on meeting qualifications for finance majors and minors. Analysis of the foreign financial methods and investment, currency futures market, capital budgeting, cash management, examination of Eurocurrency market and international bond markets. Rationale: As a restricted major, the finance chair will make all decisions on enrollment of non finance majors and minors for consistency purposes.

There are 2 programs that list FIN 4604: Finance (B.S.B.A.), Finance - Minor

College of Engineering and Computer Science Course Revisions - Tour

EEL 4660

Robotic Systems

3(3,0)

PR: EGN 4060C 3321 or EEL 4742C or COP 3503C.

Team based development of a robotic system incorporating concepts such as sensing, computer vision, machine learning, localization, mapping, manipulation and locomotion.

Discussion with others: This course is required for Robotics Minor but now gives no PR option for students in non CS/ECE majors in that minor to access this course reasonably.

There are 3 programs that list EEL 4660: Intelligent Robotic Systems (IRS) - Interdisciplinary -Minor, Computer Science (B.S.), Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.)

EGN 4060C

Introduction to Robotics

3(2,3)

PR: COP 3223C or EGN 3211; and EEL 3657or 3657 or EEL 4742C or COP 3503C or EGN 3321 or EML 3217. 3321.

Theory and application of robotics topics including; architecture, path planning, sensing and manipulation.

There are 3 programs that list EGN 4060C: Intelligent Robotic Systems (IRS) - Interdisciplinary -Minor, Computer Science (B.S.), Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.)

BME 3211

Engineering Biomechanics

3(3,0)

PR: "C" (2.0), or better required in all of the following EGN 3310 and (EGN 3310, EGN 3321 or EML 3217) and EGM 3601.

Knowledge of engineering approaches and tools that are used in the different aspects of biomechanics.

Term Offered: Even Fall

There are no programs that list BME 3211.

EAS 3530

Space Systems Concepts

3(3,0)

PR: "C" (2.0), or better in all of the following EGN 3321, PHY 2049C, and MAP 2302. Physical and engineering aspects of current space flights. Space nuclear propulsion and power. Design of spacecraft for space environment. Communication with spacecraft. Space-borne instrumentation.

There are no programs that list EAS 3530.

EAS 4400

Spacecraft Attitude Dynamics PR: EML-4312C "C" (2.0), or better in EML 4225.

3(3,0)

Kinematics and dynamics of rigid and multibody spacecraft rotational motion. Attitude control with momentum exchange actuators and thrusters.

There is 1 program that lists EAS 4400: Mathematics (B.S.)

Discrete Control in Aerospace Vehicles 3(2,3) PR: "C" (2.0), or better in all of the following EAS 3800C; and (EAS 4210 3800C, EML 4225, and EML 4312C) or (EML 4225 and EML 4313). 4313. Discrete control aspects of aerospace vehicles, digital controller, design, state-space representation, Z-transform, system response. Term Offered: Occasional There are no programs that list EAS 4404C. EAS 4505 **Orbital Mechanics** 3(3,0) PR: EGN 3321 and a "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302 2302, PHY 2048C and PHY 2048. EGN 3321. Two-body problem, orbital equations, orbital transfer, earth satellite operation. There is 1 program that lists EAS 4505: Mathematics (B.S.) EML 3262 **Kinematics of Mechanisms** 3(3,0) PR: EGN 3321-and-a-"C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302 2302, PHY 2048C and PHY 2048. EGN 3321. Graphical, mathematical, and computer-aided kinematics, analysis, and synthesis of basic mechanisms. There are 2 programs that list EML 3262: Intelligent Robotic Systems (IRS) - Interdisciplinary -Minor, Mathematics (B.S.) EML 4024C Engineering Design Practice 3(2,2)PR: <u>"C" (2.0), or better in both EGM 3601 and EML 3XXXC (Introduction to Computer Aided</u> Engineering) with grades of "C" (2.0) or better in both. 3022C. A project oriented computer aided engineering design practice including design, simulation, analysis, and manufacturing.

There are no programs that list EML 4024C.

EAS 4404C

EML 4260 Dynamics of Machinery 3(3,0)PR: EML 3262 "C" (2.0), or EML 3217, EML 4220 or better in both EGN 3321 and EML 4225. Critical speeds and response of flexible rotor systems, whirl, gyroscopic effects; balancing of rotating and reciprocating masses; cam dynamics.

There are no programs that list EML 4260.

EML 4264 Vehicle Dynamics 3(3,0) PR: EML-3262 "C" (2.0), or EML 3217, EML 4220 better in both EGN 3321 or EML 4225. Basic mechanics governing vehicle dynamics, performance and handling; acceleration, braking, ride, cornering, suspension, steering, rollover.

There is 1 program that lists EML 4264: Intelligent Robotic Systems (IRS) - Interdisciplinary -Minor

EML 4411 **Mechanical Power Systems** PR: "C" (2.0), or better in EGN 3343; CR: EML 3101.

3(3,0)

Analysis and design of large power generating systems and components, with emphasis on steam plants utilizing both chemical and nuclear fuels.

Term Offered: Spring, Occasional Spring

There are no programs that list EML 4411.

 EML 4454
 Turbines for Sustainable Power
 3(3,0)

 PR: <u>"C" (2.0), or better in all of the following EGM 3601, EGN 3365 or EMA 3706, EML 3701 or
 EAS-3101; 3701; CR: EML 4142.

</u>

Multidisciplinary aspects of turbine design for sustainable power generation including aerodynamics to combustion and emissions to reliability; covers multiple applications of conventional and green technologies.

There are no programs that list EML 4454.

EML 4600 HVAC Systems Engineering

3(3,0)

PR: <u>"C" (2.0), or better in EGN 3343.</u>

Heating, ventilation, air-conditioning, and refrigeration principles and systems design. Phychrometrics, heating and cooling loads, equipment and components, and distribution systems.

There are no programs that list EML 4600.

EML 4602

Applied HVAC Engineering

3(3,0)

PR: "C" (2.0), or better in EGN 3343; CR: EML 4142.

Applications of HVAC systems design with the objective of optimizing energy efficiency, humidity control, ventilation, and indoor air quality. Dehumidification performance of the various HVAC system types and their interactions with the building.

There are no programs that list EML 4602.

 EML 4804C
 Digital Control in Mechatronics
 3(2,3)

 PR: "C" (2.0) or better in all of the following EML 3303C; and (EML 4220 and 3303C, EML 4312C) or (EML 4225 and EML 4313).
 4313.

Discrete microprocessor control of mechatronics dynamic systems using state-space representation, digital controllers, design for mechatronic applications.

Term Offered: Occasional

<u>There is 1 program that lists EML 4804C:</u> Intelligent Robotic Systems (IRS) - Interdisciplinary - Minor

College of Health and Public Affairs Course Revisions - Tade

CCJ 4054

Capstone: Criminal Justice Ethics

3(3,0)

PR: Senior standing <u>PR:Senior Standing</u> and <u>declared Criminal Justice major</u> <u>CCJ 4746</u> or C.I. Analysis of criminal justice ethical issues. Moral dilemmas across police, courts, corrections and juvenile justice including development of humane policies and procedures.

Discussion with others: Revision of Prerequisites only.

<u>Rationale</u>: To ensure student have acquired sufficient Criminal Justice Core knowledge. <u>Majors taking course</u>: Criminal Justice Majors There are 3 programs that list CCJ 4054: Criminal Justice (B.A. / B.S.), Criminal Justice - A.S. to B.S. Track (B.S.), Criminal Justice Scholar's Track (B.A. / B.S.)

SPA 3101

Physiological Bases of Speech and Hearing 3(3.0) Physiological Bases of Speech

PR: or CR: SPA 3471.

An introduction to the anatomical, physiological, and physical elements underlying the communication process.

Abbrev (20 of 30): Phys Bases of Speech Hearing Phys Bases of Speech

Discussion with others: Changing the name and modifying the content will not affect other departments.

Rationale: Due to time limitations in covering the content involving respiration, phonation, and articulation/resonation, discussion of the hearing mechanism and physiology of hearing is minimally covered. Information about anatomy and physiology of hearing is one of the prime components of SPA 4032. Thus, the hearing anatomy and physiology content is going to be removed from SPA 3101, as it is taught in-depth in SPA 4032.

Majors taking course: CSD majors

There are 3 programs that list SPA 3101: Communication Sciences and Disorders -Minor, Communication Sciences and Disorders (B.A. / B.S.), Communication Sciences and Disorders - Accelerated Undergraduate-Graduate Program (B.A. or B.S. / M.A.)

PAD 4720

Survey Research in Public Administration 3(3,0) **Research Methods in Public Administration**

PR: Either a-Public Administration major with or minor and a "C" (2.0) or better in both PAD 3003 and PAD 3733 and in all PAD common program prerequisites courses, or Public Administration minor with a "C" (2.0) or better in PAD 3003 and PAD 3733, or C.I.

Introduction to the concepts, design, methodology, computer applications, and data analysis in applied research in the public sector.

Abbrev (16 of 30): Survey Research in PA Research Methods

Rationale: Research Methods better reflects what is taught in the course. The course covers more research methodologies than survey research.

Majors taking course: Public Administration and Nonprofit Management

There are 4 programs that list PAD 4720: Public Administration - Minor, Public Administration (B.A./B.S.),Nonprofit Management (B.A. / B.S.),NEW DEGREE (B.A. / B.S.in Emergency Management)

College of Medicine Course Revisions - TOUCE

Tabled from 11/22/2017 MLS_4460L Clinical Pathogenic Microbiology Lab 1(0,6)**MLS 4460C** Clinical Pathogenic Microbiology 5(3,6)

PR: Admission to the professional phase of the MLS program. CR: MCB 3203.

Laboratory analysis Analysis of human clinical pathogenic bacteria, fungi and viruses and correlation to disease. Identification of pathogens from clinical samples to include bacteria samples, susceptibility testing and fungi. molecular techniques in the clinical pathogenic microbiology laboratory.

Abbrev (32 of 30): Clinical Pathogenic Micro Lab-Clinical Pathogenic Microbiology

<u>Rationale</u>: This course was originally on the university listing as both lecture and laboratory. With the addition of clinical faculty to BSBS, MLS students were merged into MCB 3023 Pathogenic Micro with MLS 4460 currently offered as a separate lab component. The MLS program would prefer to have back both the lecture and lab for better clinical content.

Majors taking course: Medical Laboratory Sciences B.S.

There is 1 program that lists MLS 4460L: Medical Laboratory Sciences (B.S.)

College of Optics and Photonics Course Revisions - TaldE

Tabled from 11/22/2017 OSE 3052L

Introduction to Photonics Laboratory 1(0,3) Foundations of Photonics Laboratory

PR: MAP 2302, CR: OSE 3052.

Laboratory The laboratory experiments introducing geometrical covering fundamental photonics principles related to light sources, dispersion of light, interference and physical optics. Image formation. Fiber transmission. Laser beams. Interferometers. Optical systems (cameras, scanners, sensors). Polarization devices. diffraction of light, and other optical phenomena. Abbrev (28 of 30): Introduction to Photonics Lab Foundations of Photonics Lab Term Offered: Fall, Spring

<u>Rationale</u>: Changing name to accurately reflect the content of the course within the academic program. Initially this was our first course in the major, but we have since added Geometric Optics prior to this course so it makes sense to change the name from "introduction" to "fundamentals"

<u>Majors taking course</u>: Photonic Science and Engineering <u>There is 1 program that lists OSE 3052L:</u> Photonic Science and Engineering (B.S.P.S.E.)

Tabled from 11/22/2017 OSE 4830L

Imaging and Display Laboratory 1(0,3)

CR: OSE 4830.

Laboratory experiments Experiments introducing imaging systems. 2D gazing Image acquisition and scanning systems. Interferometer analysis. Resolution and contrast. Fourier transform, filtering and diffraction. Interferometeric metrology. Optical coherence tomography. Spectroscopy and spectral imaging. Display systems. Liquid crystal displays.

<u>Rationale</u>: Updated the catalog copy description to accurately reflect current course content. <u>Majors taking course</u>: Photonic Science and Engineering

There is 1 program that lists OSE 4830L: Photonic Science and Engineering (B.S.P.S.E.)

Tabled from 11/22/2017 OSE 4930

Frontiers of Optics and Photonics

2(2,0) 3(3,0) PR: OSE 3052 or PHY 4424 or EEL 4440, Senior Standing.

Introduction to recent advances in optics & photonics, to ethical issues, and to effective communication appropriate to the field of optics & photonics.

<u>Rationale</u>: This course requires a significant amount of work, typically equal to a 3 credit course in our program. The curriculum committee decided that the content of the course is too important to reduce the work load, so it was decided to increase the credit to 3 hours.

Majors taking course: Photonic Science and Engineering

There is 1 program that lists OSE 4930: Photonic Science and Engineering (B.S.P.S.E.)

Rosen College of Hospitality Management Course Revisions Table

FSS 3124

3124 Food Supply Chain Management

3(3,0)

PR: HFT 1000, FSS 2221C, HFT 3263 and Junior standing. Planning and management activities involved in sourcing, procurement, logistics, sustainability,

commodities markets, and social responsibility as related to food products and services. <u>Rationale</u>: In recent years, the content of this course has evolved from the more narrow scope of food procurement and hands-on food product demonstrations in the food lab to the broader aspects of food supply chain management. Since there is no longer a food lab component needed for this course, it is recommended that the course \$45 Material and Supply fee be eliminated and removed from the course description in the undergraduate catalog. <u>Majors taking course</u>: Restaurant & Foodservice Mgt., B.S.

There is 1 program that lists FSS 3124: Restaurant and Foodservice Management (B.S.)

4. Course Deletions

College of Arts and Humanities Course Deletions - TOUCE

AMH 4313

CAH-HIST

3(3,0)

American Culture II PR: AMH 2010 and AMH 2020, or C.I. The Darwinian Revolution; revolt of the intellectuals; the media explosion; mass entertainment in mass culture; the loss of community, the nuclear age, and presentism.

<u>Rationale</u>: Haven't taught the course in years and do not plan on teaching anytime soon. <u>There is 1 program that lists AMH 4313:</u> American Studies - Minor

EUH 2001H

CAH-HIST

3(3,0)

Honors Western Civilization II PR: Permission of Honors. A survey of western civilization from 1648 to present. May be taken before EUH 2000. Honors-level content.

<u>Rationale</u>: This course hasn't been taught in a few years and we don't plan on teaching it anytime soon.

There are no programs that list EUH 2001H.

MUE 4354

CAH-MUSIC

General Music: ORFF Level I PR: Junior Standing or C.I. ORFF SCHULWERK methods of music education for pre-K - grade 8. Development of personal and pedagogical skills in singing, moving, playing Orff instruments, recorder and compositions.

<u>Rationale</u>: We do not have any faculty that are certified to teach this course. It is not part of the BME curriculum so it is not a required class for any of the music majors.

There are no programs that list MUE 4354.

MUE 4441

String Methods PR: MUE 4332. String teaching methods for high school students in a large classroom setting.

<u>Rationale</u>: To streamline courses for the instrumental BME majors, string students have been incorporated into the MUE 4332/4337 Instrumental Method courses.

There is 1 program that lists MUE 4441: Music Education (B.M.E.)

MUO 2501C

CAH-MUSIC

CAH-MUSIC

2(1,1)

3(3,0)

Opera Skills PR: Open to all students by audition. Integration of singing, acting, and movement in opera; explores basic stage movement, character preparation, and performance of opera arias. <u>Rationale</u>: The materials of this course have been incorporated into MUO 3503 Opera Workshop. <u>There are no programs that list MUO 2501C.</u>

ART 3833C

CAH-SVAD

3(2,4)

Honors Processes and Ideas in Art PR: Consent of Honors. Generation of new insights concerning artistic expression with an emphasis on the individual creation of visual art objects. With Honors content.

Discussion with others: n/a

<u>Rationale</u>: This course no longer needed in the Honors College curriculum. <u>There are no programs that list ART 3833C.</u>

ART 4780CCAH-SVAD3(2,4)Kiln Design and Building PR: ART 2201C, ART 2203C, ART 2300C, ART 2301C, ART 3761C,
ART 4783C, and a satisfactory portfolio review or C.I. The design and construction of kilns, use
of refractory materials, and the theory of efficient fuel combustion.

Discussion with others: n/a

<u>Rationale</u>: The issues covered in this course are no longer practical or efficient for students working in contemporary ceramics

There are no programs that list ART 4780C.

DIG 3253C

CAH-SVAD

3(2,2)

3(2,2)

Digital Media Audio PR: DIG 3480. Audio production processes for multimedia and new media production, including examination and use of audio and MIDI sequencing software.

<u>Rationale</u>: We no longer teach this course, the faculty has changed, and the curriculum is changing as well.

There are no programs that list DIG 3253C.

DIG 3362C

CAH-SVAD

Artificial Characters PR: DIG 2109 and C.I. CR: DIG 3951. Processes and techniques for design and manipulation of artificial characters to convey story, thought, or concept in a visual medium.

Rationale: We no longer teach this course, the faculty has changed, and the curriculum is changing as well.

There are no programs that list DIG 3362C.

DIG 3450H

Honors Interactive Performance I PR: C.I. and consent of Honors. Techniques of interactive acting, with emphasis on interpersonal awareness and audience facilitation. With Honors content. Rationale: We no longer teach this course, the faculty has changed, and the curriculum is changing as well.

There are no programs that list DIG 3450H.

DIG 3543C

CAH-SVAD

CAH-SVAD

CAH-SVAD

3(2,2)

3(3,0)

The Production Process PR: DIG 2030 and DIG 2109 and C.I. CR: DIG 3951. Production in a visual medium from narrative idea to finished artifact.

Rationale: We no longer teach this course, the faculty has changed, and the curriculum is changing as well.

There are no programs that list DIG 3543C.

DIG 4204C

3(2,2)

Generating and Manipulating Digital Imagery PR: DIG 2030, DIG 2109, and DIG 2500, or C.I. CR: DIG 3951. Core techniques for creating and manipulating second and third digital representations.

Rationale: We no longer teach this course, the faculty has changed and the curriculum is changing as well.

There are no programs that list DIG 4204C.

DIG 4369C

CAH-SVAD

3(1,4) Artificial Characters Workshop PR: DIG 3362C and successful portfolio review, or C.I. Techniques and mechanics of artificial characters, with emphasis on attitude in action,

personality of character expressions, and bringing characters to life.

Rationale: We no longer teach this course, the faculty has changed and the curriculum is changing as well.

There are no programs that list DIG 4369C.

DIG 4455

CAH-SVAD

3(3.0)

Interactive Performance II PR: DIG 3450C or C.I. Continuation of Interactive Performance I, with focus on the integration of actors, audience participation, technology, and story structure. Rationale: We no longer teach this course, the faculty has changed and the curriculum is changing as well.

There are no programs that list DIG 4455.

FIL 4126C

CAH-SVAD

Genre Writing PR: Film BA or Film BFA major and FIL 3803C. Advanced screenwriting practice in selected genres, including comedy, humor, western, crime, horror, and etc. Rationale: We haven't taught this course in years and do not plan to anytime soon. There is 1 program that lists FIL 4126C: Film (B.F.A.)

3(2,4) GRA 2101C CAH-SVAD Honors Introduction to Computer Art PR: ART 2823 and Consent of Honors. The principles underlying the generation and display of graphical pictures by computer. Topics include graphical software packages and graphics systems. With Honors content.

Discussion with others: n/a

Rationale: This course no longer needed in the Honors College curriculum. There are no programs that list GRA 2101C.

College of Health and Public Affairs Course Deletions - To-

CCJ 4677 HPA-CJ

Human Rights and Criminal Justice PR: CCJ 3024 or C.I. In-depth analysis of human rights movement and its potential impact upon criminal law, as well as the juvenile and criminal justice system.

Discussion with others: The Political Science and Sociology departments were informed of this change. There were no objections.

Rationale: The course curriculum is being reviewed and updated. Course no longer offered as an elective.

There are no programs that list CCJ 4677.

HPA-COM SC&DIS

3(3,0)

3(0,20)

3(3.0)

SPA 4241 Genetic Aspects of Communication Disorders PR: BSC 2010C, Junior or senior standing. Theoretical framework for understanding human genetics and the genetic aspects of communication and feeding disorders.

Discussion with others: No other departments are affected.

Rationale: The department is not offering this course anymore.

There are no programs that list SPA 4241.

PAD 4948

HPA-PUB

Nonprofit Management Internship PR: Junior standing; and enrollment in nonprofit minor; and PR or CR: one credit hour of PAD 3930. Supervised internship for students in the Nonprofit Leadership Alliance program. Requires minimum of 300 hours placement in a nonprofit human services organization. May be used in the degree program a maximum of 2 times. Discussion with others: N/A

Rationale: The undergraduate internship is now operating in partnership with Office of Experiential Learning and therefore Cooperative Education course number used by Office of Experiential Learning (PAD 4949) will now be in use in place of PAD 4948 There is 1 program that lists PAD 4948: Nonprofit Management - Minor

5. Course Continuations

College of Arts and Humanities Course Continuations

MUL 4438

CAH-MUSIC

3(3,0)

Guitar Literature and Pedagogy PR: MVS 2426 or C.I. Overview of classical guitar literature, history, and pedagogy from the Renaissance to the present.

<u>Rationale</u>: The guitar professor would like to add this course back into the course rotation to enhance the guitar majors knowledge of guitar literature.

There are no programs that list MUL 4438.

FIL 3379C

6

CAH-SVAD

3(3,6)

Advanced Documentary Production PR: Film BA or Film BFA Major and FIL 3363C or C. I. Advanced readings and analysis of documentary history, theory and ethics; production and practice of contemporary nonfiction entertainment.

<u>Rationale</u>: We have recently updated both the Film BA and Film BFA and would like this course to remain for student's to take. We will offer it soon.

There are no programs that list FIL 3379C.

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AMH4XXX History of the Civil Rights Movement

Revised Abbreviation: Hist. of Civil Rights Movement

Revised catalog description: History of the African-American-Civil Rights Movement from 19th century origins to 1960s victories to today, through analysis of social and cultural primary sources.