

BEGAN: 12:01

**Undergraduate Course Review Committee (UCRC)**  
Tuesday, November 21, 2017 at 12:00 – 1:00 PM  
College of Sciences (CSB) 221

AGENDA

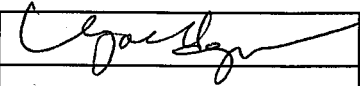
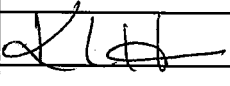

- I. Welcome and guest introductions
- II. Confirmation of Quorum
- III. Approval of November 07, 2017 meeting minutes. *accepted*
- IV. Course Action Agenda
  - a. Course Additions
  - b. Course Revisions
  - c. Course Deletions
- V. Material and Supplies Fees *Approved*
- VI. Adjournment *1:14*  
Next meeting:  
Tuesday, December 5, 2017

**UNDERGRADUATE COURSE REVIEW COMMITTEE MEETING  
ATTENDANCE SHEET 11/21/17**


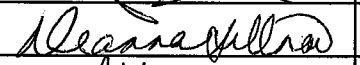

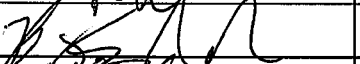
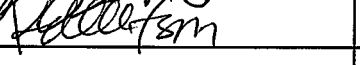
<b>Senate Representatives</b>			
<b>Last</b>	<b>First</b>	<b>SIGNATURE</b>	<b>DEPARTMENT</b>
Murphy	Kevin	PHONE	Foodservice and Lodging Management
Pinkert	Laurie	Laurie Pinkert	Writing and Rhetoric
Schulte	Alfons	Alfons Schulte	Physics
Zemliansky	Pavel	[Signature]	Writing and Rhetoric

<b>Faculty Representatives</b>			
<b>Last</b>	<b>First</b>	<b>SIGNATURE</b>	<b>DEPARTMENT</b>
Bai	Yuanli		Mechanical and Aerospace Engineering
Consalo	Karen	Karen Consalo	Legal Studies
Duff	Sara	[Signature]	Acquisitions and Collections Services
Filler	Dennis	Dennis Filler	Civil, Environmental, and Construction
Gelfuso	Andrea		School of Teaching, Learning and Leadership
Kar	Aravinda		Optics and Photonics
Kinchen	Elizabeth	PHONE	Nursing
Legron-Rodriguez	Tamra	[Signature]	Chemistry
Samsam	Mohtashem		Biomedical Sciences
Schellhase	Kristen	[Signature]	Health Professions
Tamberelli	Frank	[Signature]	Integrated Business

<b>Ex-Officio Members</b>			
<b>Last</b>	<b>First</b>	<b>SIGNATURE</b>	<b>DEPARTMENT</b>
Covelli	Maureen		Undergraduate Affairs
Dorman	Teresa	[Signature]	Academic and Student Affairs
Dupuis	Martin		Honors College
Hagan	David		Academic Programs

Hepner	Lynn		Academic Programs
Hitchcock	Dorilyn		Undergraduate Coordinator
Hoerner	Keisha		Undergraduate Studies
Jones	Foard		Dean's Office
Mendez	Jesse	PHONE	Academic Affairs
Reilly	Charles	CALL	Academic Affairs
Wang	Youcheng		Academic Affairs
Wolf	Ross		Academic Affairs and Technology

**UNDERGRADUATE COURSE REVIEW COMMITTEE MEETING  
ATTENDANCE SHEET 11/21/17**

GUEST			
Last	First	Signature	Department
Sandoval	Jennifer		Nicholson School / COS
Sellnow	Deanna		NSC "
Larson	Peter		History
Edwards	Barry		poli sci
Tollefson	Kristina		Theatre

# Course Agenda

## 1. Course Additions

### College of Arts and Humanities Course Additions

Tabled from 11/13/2017

**WST 4XXX**

**CAH-**

**1(1,0)**

**Young Women's Leadership Practicum:** PR: ENC 1102 or C.I. Fosters leadership in UCF women by training them to become Big Sister mentors in a one-on-one leadership development program with 7th grade girls. *Occasional.*

**Abbrev: (27 of 30 chars)** Young Women Leadership Prac

Repeat For Credit: True

Max Times: 4

Rationale: We are able to relate our voluntary efforts through UCF credit and outreach in the community. A designated Signature Experience course.

**ASH 4XXX**

(HIS 4100)

**CAH-HIST**

**3(3,0)**

**Spatial Histories, Digital Storytelling:** PR: Grade of C (2.0) or better required in ENC 1102 or AMH 2020, or C.I. An approach to the human past which investigates and represents the places and spaces in which events occurred, using common spatial storytelling tools. *Spring.*

**Abbrev: (30 of 30 chars)** Spatial Hist Dgtl Storytelling

Discussion with others: We contacted SVAD, English, and Anthropology and there are no conflicts. Emails attached.

Rationale: This course expands our offerings in Middle Eastern history, while expanding our digital and public history program at the BA level.

**MUL 3XXX**

**CAH-MUSIC**

**3(3,0)**

**Analysis of Hard Rock & Heavy Metal:** PR: MUH 3633, or C. I. An analytical discourse of hard rock and heavy metal in the 1980s, a period where the genres enjoyed their highest degree of popularity. *Spring, Fall.*

**Abbrev: (30 of 30 chars)** Analysis 1980s Hard Rock Metal

Rationale: This course offers a valuable elective for students in the BM and BA Music major.

**MUL 3XXX**

**CAH-MUSIC**

**3(3,0)**

**Welcome to the Jungle: Hard Rock :** PR: MUL 2010, or C. I. A survey of hard rock and heavy metal music and culture in the 1980s. *Spring.*

**Abbrev: (27 of 30 chars)** Welcome to Jungle: 80s Rock

Rationale: This course offers a valuable elective for music minors and an upper level elective for BA majors outside of music.

**MUS 3XXX**

**CAH-MUSIC**

**3(3,0)**

**Music Entrepreneurship** : PR: MUT 1122, or C. I. Identification of opportunities in the entertainment marketplace, exploration of resources to explore those possibilities, and committing the necessary resources to achieve long-term gain. *Fall*.

**Abbrev:** (22 of 30 chars) Music Entrepreneurship

**Rationale:** This course offers a valuable elective for students in the BM and BA Music major.

**FIL 3XXX**

**CAH-SVAD**

**3(3,0)**

**Research Methods for Filmmakers:** PR: Film BA or Film BFA Major and ENC 1102. Research methods and applied issues of responsibility for film makers *Spring, Summer, Fall*.

**Abbrev:** (23 of 30 chars) Research for Filmmakers

**Rationale:** The film curriculum currently does not offer a course dedicated to research methods and ethics for filmmakers.

**FIL 4XXXC**

**CAH-SVAD**

**3(2,4)**

**Film Production Workshop:** PR: Film BA or Film BFA major

CR: FIL4472c or FIL4647 or FIL4535c or FIL4566c. Directors, writers, producers, cinematographers, editors, sound designers, and production designers collaborate to produce, shoot, edit, and deliver narrative, documentary, or experimental projects. May be repeated for credit four times. *Spring, Fall*.

**Abbrev:** (24 of 30 chars) Film Production Workshop

Repeat For Credit: True                      Max Times: 4

**Rationale:** This addition reflects new standards and practices in the new proposed curriculum, as it emphasizes collaboration in the BA Program.

**FIL 4XXXC**

**CAH-SVAD**

**3(2,4)**

**Micro-Process Production:** PR: Film BA or Film BFA major, FIL 2480, and FIL 3115. Individual fiction and non-fiction video projects under the guidance of a faculty mentor with an emphasis on limited scale of production processes. May be repeated for credit four times. *Spring*.

**Abbrev:** (24 of 30 chars) Micro-Process Production

Repeat For Credit: True                      Max Times: 4

**Rationale:** This addition reflects new standards and practices in the new proposed curriculum and creates another opportunity for authorship in the BA Program.

**FIL 4XXXC**

**CAH-SVAD**

**3(2,4)**

**Narrative Production I:** PR: Film BFA major and ENC 1102. Tutorial-based studio course in which students author creative work within the modality of narrative production. May be repeatable for credit one time. *Occasional*.

**Abbrev:** (22 of 30 chars) Narrative Production I

Repeat For Credit: True                      Max Times: 1

**Rationale:** Narrative Production I and II are intended to replace FIL 2480 Directing for Film I, FIL 4486C Directing for Film II, FIL 4434C Capstone I, and FIL4573C Capstone II as the primary source of traditional film production authorship for BFA majors in the new proposed film curriculum. Those other classes will focus on different topics, like Directing, Exhibition, and Professional Practice without requiring the production of a film.

FIL 4XXXC

CAH-SVAD

3(2,4)

**Narrative Production II:** PR: Film BFA major, FIL 3115, FIL 2480, and FIL 4XXXC Narrative Production I. Tutorial-based studio course in which students author creative work within the modality of narrative production. May be repeatable for credit one time. *Occasional*.

**Abbrev: (23 of 30 chars)** Narrative Production II

Repeat For Credit: True Max Times: 1

Rationale: Narrative Production I and II are intended to replace FIL 2480 Directing for Film I, FIL 4486C Directing for Film II, FIL 4434C Capstone I, and FIL4573C Capstone II as the primary source of traditional film production authorship in the new proposed curriculum. Those other classes will focus on different topics, like Directing, Exhibition, and Professional Practice without requiring the production of a film.

**College of Engineering and Computer Science Course Additions**

Tabled from 11/13/2017

EML 4XXXH

ECS-MECH/AERO

3(3,0)

**Locomotion and Design in Natural Systems:** PR: "C" (2.0) or better in both EGM 3601 and EML 3701; and Permission of Honors College. Locomotion, morphology, and corresponding limitations in natural systems. This course will expose students to topics which explore natural-design as it relates to engineering. *Fall*.

**Abbrev: (36 of 30 chars)** Locomotion and Design in Natural Sys

**College of Optics and Photonics Course Additions - Table**

OSE 3XXXL

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

Rationale: 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

Majors taking course: Photonic Science and Engineering

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



Rationale: 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

**COM 4XXX** **COS-COMM** **3(3,0)**

**Current Issues in Communication:** PR: Communications and Conflict major or PR or CR: COM 3003 or CI. Topics for this course will vary based on current issues in Communications  
*Occasional.*

**Abbrev: (22 of 30 chars) CURRENT ISSUES IN COMM**

Rationale: This course would be a restricted elective in the Human Communications and Communication and Conflict majors. Topics will vary, examples may include Patient-Provider Communication, Global Health Communication and New Media and Health among others.

**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**

Rationale: 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.

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

**Advanced Public Speaking:** PR or CR: COM 3003 or C.I. Advanced theory and practice of persuasive speaking, advocacy and adapting presentations to targeted audiences using diverse delivery methods and platforms. *Spring, Fall.*

**Abbrev: (24 of 30 chars) ADVANCED PUBLIC SPEAKING**

Rationale: The course will prepare students for advanced study within their track and for employment upon graduation.

**SPC 4XXX** **COS-COMM** **3(3,0)**

**Advanced Interpersonal Communication :** PR: SPC 3301 and PR or CR: COM 3003 or C.I. Covers advanced topics in interpersonal communication related to the process of communication in close (primarily romantic) relationships. *Spring.*

**Abbrev: (22 of 30 chars) ADV INTERPERSONAL COMM**

Rationale: This course is open to Human Communication majors and will be a required course for students in the Interpersonal Communications track. This will provide better sequencing of courses and degree progression.

**PHY 3XXX** **COS-PHYS** **0(0,0)**

**Professional Physics Mentoring:** PR: Declared Physics B.A. or B.S. Mentoring of physics majors by physics faculty. *Fall.*

**Abbrev: (30 of 30 chars) PROFESSIONAL PHYSICS MENTORING**

Discussion with others: None noted.







Rationale: 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.

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

**FIL 1008** **Cinematic Expression/Aesthetics** **3(3,0)**  
**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**

Rationale: This revision will create the distinction between FIL 1008 and FIL 3462C Cinematic Expression, which will be renamed to FIL3462C Cinematic Expression II.

There are 2 programs that list FIL 1008: Film (B.F.A.), Film (B.A.)

**FIL 2461** **Cinematography I** **3(3,0)**  
**FIL 2461C** **3(2,1)**

PR: ~~FIL 2552~~ Film BA major and FIL 2480. 2XXX Introduction to Production.

~~Concepts~~ An introduction to the principles of the motion image capture process: camera, lenses, lighting, and tools of cinematography grip theories, techniques and lighting technologies.

Term Offered: ~~Fall~~ Fall, Spring

Repeat For Credit: No Max Times: 4 0

Rationale: This revision updates the course description and outcomes to reflect new standards and practices in the proposed Film curriculum. We are eliminating FIL 2552 and FIL 2480 as prereqs, and revising the lecture and lab contact hours from 3,0 to 2,1.

There are 2 programs that list FIL 2461: Film (B.F.A.), Film (B.A.)

**FIL 2480** **Directing for Film I** **3(3,0)**  
**Directing Techniques for Film**

PR: ~~FIL 1007, Film BA or Film BFA major, FIL 1008, and FIL 3427C. PR or CR: FIL 3115.~~ FIL2XXX Intro to Film Production.

Introduction to processes and techniques ~~for~~ of film directing.

**Abbrev (20 of 30):** ~~Directing for Film I~~ **Directing Techniques**

Term Offered: Fall, Spring

Rationale: This revision updates the course description and outcomes and removes the prerequisite of FIL 3115 Short Script I to reflect new standards and practices in the proposed film curriculum. The title change better reflects the course's place in the new curriculum.

There are 2 programs that list FIL 2480: Film (B.F.A.), Film (B.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

Rationale: 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 3427C** Introduction to Film Production **3(2,4)**

**FIL 2XXX** **3(3,0)**

PR: ~~or CR: FIL 2107 and Film BFA or World Cinema major, BA Major.~~

~~Introduction to budgeting, script breakdown, construction of production utilizing film equipment. Basic technical boards, scheduling, location scouting, and aesthetic aspects of production. crew positions.~~

Term Offered: ~~Fall~~ Fall, Spring

Rationale: This revision updates the course description and outcomes to reflect new standards and practices in the new proposed curriculum. We are eliminating FIL 2107 as a prerequisite, and opening it up to BA students. Most importantly, we are downgrading this course from a 3000-level to a 2000-level to better serve students transferring credits into our program. Most Intro to Production course are 2000-level or lower in other curricula.

There is 1 program that lists FIL 3427C: Film (B.F.A.)

**FIL 3534** Sound Design for Film I **3(3,0)**

**FIL 2XXX**

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

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

Term Offered: ~~Fall~~ Fall, Spring

Rationale: 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 3462C** ~~Cinematic Expression~~ **3(3,1)**

**Cinematic Expression II**

PR: Film BA or Film BFA major and FIL 3803C, 1008.

~~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: Fall, Spring

Rationale: 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 3445, or C.I. 1102.~~

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

Repeat For Credit: ~~No~~ Yes Max Times: 1

Rationale: 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.)

**FIL 4163C Feature/TV Writing II 3(2,3)**

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

~~Advanced writing workshops, principles and methods~~ Tutorial-based studio course in which 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

Rationale: 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~~ Tutorial-based studio course in which students author 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. credit one time.

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

Repeat For Credit: ~~No~~ Yes Max Times: 1

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

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

**FIL 4302C Documentary Workshop II Documentary Production II 3(1,3)**

PR: Film BFA Major, FIL 4301C or C.I. 3363C, and FIL 4301C.

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

**Abbrev (25 of 30): ~~Documentary Workshop II~~ Documentary Production II**

Repeat For Credit: ~~No~~ Yes Max Times: 1

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

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

**FIL 4434C**

**Capstone I**

**3(2,4)**

**Capstone I - The Professional Practice**

PR: ~~FIL 3132 Senior standing~~ and Film BA or Film BFA or World Cinema major.

~~Intensive tutorial guidance, instruction and evaluation of final film projects from initial concept through production. May be repeated Prepares students for credit: the transition to a professional practice, clarifying the paths available to visual artists after graduation.~~

Term Offered: ~~Fall~~ Fall, Spring

Repeat For Credit: ~~Yes~~ No Max Times: ~~99~~ 0

Rationale: 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.

There are 2 programs that list FIL 4434C: Film (B.F.A.), Film (B.A.)

**FIL 4472C**

**Cinematography II**

**3(2,4)**

PR: Film major, BA major and ~~FIL 3427C, FIL 2464, 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**

**Directing for Film II**

**3(3,1)**

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~~ 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**

**Editing II**

**3(3,2)**

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

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 4566C: Film (B.F.A.), Film (B.A.)

**FIL 4573C** **Capstone II** **3(1,3)**  
**Capstone II - Exhibition & Seminar**

PR: Film BFA Major, Senior standing, and FIL 4434C.

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

Repeat For Credit: ~~Yes~~ No Max Times: ~~99~~ 0

Rationale: 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.

Majors taking course: Film BFA Majors

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

**FIL 3876C** **Experimental Cinema I** **3(3,1)**  
**FIL 4XXXC** **3(2,4)**

PR: ~~FIL 3075C,~~ Film BFA majors and ENC 1102.

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

Term Offered: ~~Fall, Spring~~ Fall

Repeat For Credit: ~~No~~ Yes Max Times: 1

Rationale: 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)**  
**FIL 4XXXC** **3(2,4)**

PR: Film BFA major, FIL 3876C, 3051, and FIL 4XXXC Experimental Cinema I.

~~Concentration on specific aesthetic strategies~~ Tutorial-based studio course in which students author creative work within the modality 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

Rationale: 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.

<b>THE 3272</b>	<b><u>What a Drag: The Art of Transgender in Entertainment</u> <u>Shakespeare to RuPaul: Drag in Entertainment</u></b>	<b>3(3,0)</b>
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PR: ENC 1102.

The use of ~~transgender~~ drag performance in entertainment.

**Abbrev (21 of 30): ~~Transgender Entertainment Drag in Entertainment~~**

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

Rationale: 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.

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

<b>TPA 2290L</b>	<b>Theatre Participation-Production I</b>	<b>1(0,VAR) VAR(0,VAR)</b>
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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.

Rationale: 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 7 programs that list TPA 2290L: 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.)

<b>TPP 2190L</b>	<b>Theatre Participation-Performance I</b>	<b>1(0,VAR) VAR(0,VAR)</b>
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PR: Theatre ~~major~~ Major, Theatre Minor or ~~minor or department consent~~ Dance Minor.

Participation in UCF Theatre productions. May be repeated for credit.

Rationale: 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.)

<b>TPP 3510C</b>	<b>Movement for the Actor I</b>	<b>2(2,1) 2(2,2)</b>
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PR: BFA Acting Major.



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

Rationale: 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.)

<b>TPP 3513C</b>	<b>Movement for the Actor II</b>	<b>2(2,1)</b>
		<b>2(2,2)</b>

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

Reinforcement of the techniques of TPP 3510C.

Term Offered: ~~Fall~~, Spring

Rationale: 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.)

<b>TPP 4531C</b>	<b>Period Movement</b>	<b>2(2,1)</b>
		<b>2(2,2)</b>

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

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

Rationale: 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 4531C: Theatre - Acting Track (B.F.A.)

### **College of Business Administration Course Revisions**

<b>ECO 4443</b>	<b>Introduction to Business Analytics</b>	<b>3(3,0)</b>
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PR: ~~Mathematical Economics, Econometrics-I~~ ECO 3410 and Econometrics-II: ECO 4412, or permission of department.

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.

<b>FIN 3414</b>	<b>Intermediate Corporate Finance</b>	<b>3(3,0)</b>
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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.

Must be taken with or before FIN 4243 and FIN 4504.

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.

There are 5 programs that list FIN 3414: 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~~ department consent which will be based on meeting qualifications for finance majors and minors. Must be taken with or after FIN 3414.

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

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~~ department 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

**FIN 4424** **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.

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 4424: Finance - Minor, Finance (B.S.B.A.)

**FIN 4453** **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~~

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 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 finance majors and minors, or ~~minors with department consent~~ which require this course. will be based on meeting qualifications for finance majors and minors. Must be taken with or after FIN 3414.

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.

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.

There are 4 programs that list FIN 4504: Finance: Investments - Certificate, Finance - Minor, Real Estate (B.S.B.A.), Finance (B.S.B.A.)

**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

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 4514: 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.

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

majors and minors for consistency purposes.

Recommending

There are 3 programs that list FIN 4533: 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~~ department 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** -- *Approved*

**CES 4205** **Structural Mechanics** **3(3,0)**  
PR: EGN 3331C and ~~EGN 3343~~ CGN 3405 both with grades of "C" (2.0) or better. Advanced mechanics of materials applied to civil structural systems, elasticity, torsion, inelastic bending, failure theory for concrete and soils, compatibility, equilibrium, and energy methods.

Rationale: More closely reflects pre-requisite knowledge necessary for content of the course

Majors taking course: Civil, Construction, Mechanical

There are no programs that list CES 4205.

**CIS 4004** **Web-Based Information Technology** **3(3,0)**  
PR: ~~CNT 3004~~ (CNT 3004 and COP 3330 3330) or (COP 3503C and Computer Science major) each with grades of "C" (2.0) or better.

Digital libraries. Media formats. Compression. Streaming Media. Mobile internet and WML. Emerging technologies. Capacity planning for web services.

Rationale: Facilitate CS students taking this course and counting as a restricted elective.

Majors taking course: IT and CS undergraduate students

There is 1 program that lists CIS 4004: Information Technology (B.S.)

**CIS 4524** **Managing IT Integration** **3(3,0)**  
PR: CIS 3003 or COP 3503C and Computer Science major, with a grade of "C" (2.0) or better. Requirements, acquisition and sourcing. Integration. Project management. Testing and QA. Organizational context. Architecture.

Rationale: Facilitate CS students taking this course and counting as a restricted elective.

Majors taking course: IT and CS undergraduate students

There are 2 programs that list CIS 4524: Cyber Operations - Certificate, Information Technology (B.S.)

**CNT 4603** **System Administration and Maintenance** **3(3,0)**  
PR: CGS 3763 or COP 3503C and Computer Science major, with a grade of "C" (2.0) or better.

An examination of operating systems and applications installation, configuration, and maintenance, including client-server services, content management and deployment, server administration and management, and user/group management.

Rationale: Facilitate CS students taking this course and counting as a restricted elective.

Majors taking course: IT and CS undergraduate students

There is 1 program that lists CNT 4603: Information Technology (B.S.)

**Design and Implementation of Computer  
Communication Networks *and either***

**CNT 4703C**

**3(1,2)**

PR: ~~CNT 3004~~ and (CNT 3004, COP 3502C and (MAD 3502C, MAD 2104 or COT 3100C) or (COP 3503C and Computer Science major) all with a grade of "C" (2.0) or better.

Data communication networking technologies (TCP/IP, Ethernet, Gigabit Ethernet, ATM, Frame Relay), products (routers, switches, adapters, cabling). Base design and detailed configuration including hands-on exercises.

Rationale: Facilitate CS students taking this course and counting as a restricted elective.

Majors taking course: IT and CS undergraduate students

There are 2 programs that list CNT 4703C: Secure Computing and Networks - Minor, Information Technology (B.S.)

**CNT 4714**

**Enterprise Computing**

**3(3,0)**

PR: ~~CGS (CGS 3269, MAD 2104, COP 3330 and COP 3502C 3502C)~~ or (COP 3503C and Computer Science or Computer Engineering major) all with a grade of "C" (2.0) or better.

Client-server architecture. Server-side scripting: Servlets, JSP, PHP. JDBC and MySQL database; connectivity. Multi-threaded Java applications. J2EE development. SSL., Event-driven programming.

Rationale: Facilitate CS students taking this course and counting as a restricted elective.

Majors taking course: IT and CS undergraduate students

There are 2 programs that list CNT 4714: Cyber Operations - Certificate, Information Technology (B.S.)

**EAS 3810C**

**Design of Aerospace Experiments**

**3(1,3)**

PR: "C" (2.0) or better in both EAS 3800C; 3800C and EAS 3040 or EML 3701.

Extension of EAS 3800C. Design of experiments in aeronautic/aerospace systems with emphasis on project team activity.

Term Offered: ~~Odd~~ Fall, Spring

Majors taking course: Aerospace Students

There are 2 programs that list EAS 3810C: Aerospace Engineering (B.S.A.E.), Aerospace Engineering - Accelerated Undergraduate-Graduate Program (B.S.A.E. / M.S.A.E., M.S.M.E. or M.S.BM.E)

**EAS 4134**

**High-Speed Aerodynamics**

**3(3,0)**

PR: "C" (2.0) or better in EAS 3101.

Normal and oblique shock waves, nozzles and wind tunnels, methods of analyzing compressible flow about airfoils, wings, and bodies. Viscous boundary layers and applications to the design process.

Majors taking course: Aerospace Students

There are 2 programs that list EAS 4134: Aerospace Engineering (B.S.A.E.), Aerospace Engineering - Accelerated Undergraduate-Graduate Program (B.S.A.E. / M.S.A.E., M.S.M.E. or M.S.BM.E)

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**Aerothermodynamics of Propulsion**

**EAS 4300** **Systems** **3(3,0)**

PR: "C" (2.0) or better in EAS 4134 or EML 4703.

Fundamental analysis and design considerations of propulsion systems. Turbojets, ramjets and rockets.

Majors taking course: Aerospace Students

There are 2 programs that list EAS 4300: Aerospace Engineering (B.S.A.E.), Aerospace Engineering - Accelerated Undergraduate-Graduate Program (B.S.A.E. / M.S.A.E., M.S.M.E. or M.S.BM.E)

**EAS 4700C** **Aerospace Design I** **3(1,6)**

PR: "C" (2.0) or better in each EGN 3373, EAS 3800C, (~~EAS 3010~~ or EML 3701), 3701, EML 4142, EML 4225, and department consent; CR: EAS 4991.

Application of the design process to the team solution of a state-of-the-art problem. Airplanes and space vehicles, systems and devices are considered.

Majors taking course: Aerospace Students

There are 2 programs that list EAS 4700C: Aerospace Engineering (B.S.A.E.), Aerospace Engineering - Accelerated Undergraduate-Graduate Program (B.S.A.E. / M.S.A.E., M.S.M.E. or M.S.BM.E)

**EAS 4710C** **Aerospace Design II** **3(1,6)**

PR: EAS ~~4700C~~, 4931 and a "C" (2.0) or better in EAS ~~4931~~, 4700C.

Continuation of the design process in the team building and testing of a prototype/model of an airplane, spacecraft, system or device.

Majors taking course: Aerospace Students

There are 2 programs that list EAS 4710C: Aerospace Engineering (B.S.A.E.), Aerospace Engineering - Accelerated Undergraduate-Graduate Program (B.S.A.E. / M.S.A.E., M.S.M.E. or M.S.BM.E)

**EGM 3601** **Solid Mechanics** **3(3,0)**

PR: "C" (2.0) or better in the following MAC 2311C, MAC 2312, MAC 2313, PHY 2048C and EGN 3310; PR: or CR: MAP 2302, 3310.

Concepts of stress, strain, deflection; axial force, torsion, bending, combined stress, Mohr's circle, failure theories, design concepts, application to machines and vehicles.

Discussion with others: none

Majors taking course: Mechanical and Aerospace Students

There are 5 programs that list EGM 3601: Mathematics (B.S.), Aerospace Engineering (B.S.A.E.), Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E), Aerospace Engineering - Accelerated Undergraduate-Graduate Program (B.S.A.E. / M.S.A.E., M.S.M.E. or M.S.BM.E)

**EGM 3601H Honors Solid Mechanics 3(3,0)**

PR: with a grade of "C" or better (2.0) or better in each of the following MAC 2311C, MAC 2312, MAC 2313, PHY ~~2048C~~ 2048C, EGN 3310 and EGN ~~3310~~; CR: MAP 2302. Permission of <sup>Consult</sup> Honors College.

Concepts of stress, strain, deflection, axial force, energy, torsion, bending, buckling, combined stress/strain, Mohr's circles, failure theories; design concepts, application to machines and

vehicles. With Honors ~~content~~ content.

Term Offered: ~~Fall, Spring~~

Discussion with others: Is there commitment to offer this course fall and spring? It was not scheduled as such this year.

There are no programs that list EGM 3601H.

**EGN 3321 Engineering Analysis-Dynamics 3(3,0)**

PR: "C" (2.0) or better in both MAC 2313 and EGN 3310 and MAC 2313; PR: or CR: MAP 2302. 3310.

Kinematics and kinetics of particles and rigid bodies; mass and acceleration, work and energy, impulse and momentum, introduction to kinematics of mechanisms; introduction to 3D rigid body dynamics; central force.

Majors taking course: Civil, Environmental, Construction, Industrial, Mechanical and Aerospace Students

There are 11 programs that list EGN 3321: Intelligent Robotic Systems (IRS) - Interdisciplinary - Minor, Mathematics (B.S.), Aerospace Engineering (B.S.A.E.), Civil Engineering (B.S.C.E.), Construction Engineering (B.S.Con.E.), Environmental Engineering (B.S.Env.E.), Industrial Engineering (B.S.I.E.), Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E), Industrial Engineering - Accelerated Undergraduate-Graduate Program (B.S.I.E. / M.S.I.E.), Aerospace Engineering - Accelerated Undergraduate-Graduate Program (B.S.A.E. / M.S.A.E., M.S.M.E. or M.S.BM.E)

**EGN 3321H Honors Engineering Analysis - Dynamics 3(3,0)**

PR: "C" (2.0) or better in both MAC 2313, EGN 3310, and <sup>Consult</sup> Permission of Honors and EGN 3310, MAC 2313 both with a grade of "C" (2.0) or better; CR: MAP 2302. College.

Kinematics and kinetics of particles and rigid bodies; mass and acceleration, work and energy, impulse and momentum, introduction to kinematics of mechanisms; introduction to 3D rigid body dynamics; central force.

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

Majors taking course: Civil, Environmental, Construction, Industrial, Mechanical and Aerospace Students

There are no programs that list EGN 3321H.

**EGN 3343H**

**Honors Thermodynamics** *Consult*

**3(3,0)**

PR: "C" (2.0) or better in both MAC 2313, EGN 3310, and Permission of Honors status; CR: EGN 3321 or EGN 3321H or EML 3217, & MAP 2302. College.

Work, heat, and energy transformations. Relation of properties. Laws, concepts, and models of analysis common to all applications of thermodynamics in engineering. Honors content.

Discussion with others: Is there commitment to offer this course fall and spring? It was not scheduled as such this year.

Rationale: Updating prerequisites

Majors taking course: Civil, Environmental, Construction, Industrial, Mechanical and Aerospace Students

There are no programs that list EGN 3343H.

**EGN 3343**

**Thermodynamics**

**3(3,0)**

PR: "C" (2.0) or better in both MAC 2313 and EGN 3310; ~~CR: MAP 2302, 3310.~~

Work, heat, and energy transformations. Relation of properties. Laws, concepts, and modes of analysis common to all applications of thermodynamics in engineering.

Majors taking course: Civil, Environmental, Construction, Industrial, Mechanical and Aerospace Students

There are 9 programs that list EGN 3343: Mathematics (B.S.), Aerospace Engineering (B.S.A.E.), Environmental Engineering (B.S.Env.E.), Industrial Engineering (B.S.I.E.), Mechanical Engineering (B.S.M.E.), Civil Engineering (B.S.C.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E), Industrial Engineering - Accelerated Undergraduate-Graduate Program (B.S.I.E. / M.S.I.E.), Aerospace Engineering - Accelerated Undergraduate-Graduate Program (B.S.A.E. / M.S.A.E., M.S.M.E. or M.S.BM.E)

**EML 3101**

**Thermodynamics of Mechanical Systems**

**3(3,0)**

PR: ~~EGN 3343 and a~~ "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP ~~2302~~ 2302, PHY 2048 and ~~PHY 2048.~~ EGN 3343.

Applied thermodynamics, availability analysis, thermodynamics of reactive and non-reactive mixtures, thermodynamic relations of properties. Thermodynamic design analysis of complete mechanical systems.

Majors taking course: Mechanical & Aerospace Students

There are 2 programs that list EML 3101: Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**EML 4143**

**Heat Transfer II**

**3(3,0)**

PR: "C" (2.0) or better in EML 4142.

Advanced topics in heat transfer, multi-dimensional conduction, transient conduction, convection heat transfer, participating medium, boiling and condensation.

Majors taking course: Mechanical & Aerospace Students



There are 2 programs that list EML 4143: Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**EML 4301C** **Mechanical Systems Lab** **3(2,3)**

PR: "C" (2.0) or better in EML 3303C, EGM 3601; CR: EML 4225.

Teaching laboratory in solid mechanics, dynamic vibrations and control-feedback testing and theory; designing and conducting experiments; analyzing and interpreting data.

Term Offered: ~~Odd~~ Fall, Spring

Majors taking course: Mechanical Students

There are 2 programs that list EML 4301C: Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**EML 4306C** **Energy Systems Lab** **3(2,3)**

PR: "C" (2.0) or better in EML 3303C; CR: EML 4142.

Design of experiments in Thermo-Fluid Systems with emphasis on project team activity.

Term Offered: ~~Odd~~ Fall, Spring

Majors taking course: Mechanical Students

There are 2 programs that list EML 4306C: Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**EML 4313** **Intermediate System Dynamics and Controls** **3(3,0)**

PR: ~~EML 3247,~~ "C" (2.0) or better in all of the following MAP 2302, EGN 3321, EGN 3373 and EML 4225.

Free and forced vibration analysis of mechanical systems with multi degrees of freedom; normal modes and modal analysis; systems concepts, stability criteria, role of uncertainty in feedback and frequency domain control design.

Majors taking course: Mechanical & Aerospace Students

There are 4 programs that list EML 4313: Intelligent Robotic Systems (IRS) - Interdisciplinary - Minor, Mathematics (B.S.), Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**EML 4501C** **Engineering Design I** **3(1,6)**

PR: "C" (2.0) or better in each EGN 3373, EML 3303C, EML 3701, EML 4142, EML 4225 and department consent; CR: EML 4931.

Application of the design process in the team solution of a state-of-the-art problem. Aerospace, mechanical, thermo-fluid, or material problems are considered.

Majors taking course: Mechanical Students

There are 2 programs that list EML 4501C: Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**EML 4502C** **Engineering Design II** **3(1,6)**

PR: ~~EML 4504C, 4931~~ and a "C" (2.0) or better in ~~EML 4934, 4501C.~~

Continuation of the design process in the team building and testing of a prototype. A test plan and a test report are completed.

Majors taking course: Mechanical Students

There are 2 programs that list EML 4502C: Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**Design & Analysis of Machine Components**

**EML 4504** **II** **3(3,0)**

PR: "C" (2.0) or better in EML 3500.

Application of the principles of component analysis to the design of mechanisms.

Majors taking course: Mechanical & Aerospace Students

There are 2 programs that list EML 4504: Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**EML 4703** **Fluid Mechanics II** **3(3,0)**

PR: "C" (2.0) or better in EML 3701.

Continuation of Fluid Mechanics I. External flows, fluid machinery, compressible flows, design projects.

Majors taking course: Mechanical Students

There are 3 programs that list EML 4703: Mathematics (B.S.), Mechanical Engineering (B.S.M.E.), Mechanical Engineering - Accelerated Undergraduate-Graduate Program (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

**College of Medicine Course Revisions** -- *Table*

**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**

Rationale: his 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 - Table

**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~~ Fall, Spring

Rationale: 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"

Majors taking course: Photonic Science and Engineering

There is 1 program that lists OSE 3052L: Photonic Science and Engineering (B.S.P.S.E.)

**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. Interferometric metrology. Optical coherence tomography. Spectroscopy and spectral imaging. Display systems. Liquid crystal displays.

Rationale: Updated the catalog copy description to accurately reflect current course content.

Majors taking course: Photonic Science and Engineering

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

**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.

Rationale: 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.)

## College of Sciences Course Revisions - Approved

**PCB 3442**                                      **Aquatic Ecology**                                      **3(3,0)**

PR: A minimum grade of "C" (2.0) in both BSC 2010C and a "B" (3.0) or better in BSC 2011C, or C.I. 2011C.

An introduction to ~~The~~ aquatic ecology of Florida with emphasis on ponds, lakes, streams, and rivers.

Discussion with others: None noted

Rationale: Students need strong fundamental background from Biology II and Ecology to succeed with the expected learning outcome of the course.

Majors taking course: Biology and Environmental Studies students

There are 5 programs that list PCB 3442: Interdisciplinary Studies - Environmental Studies Track (B.S.), Biology (B.S.), Cultural Tourism - Certificate, Environmental Studies - Minor, Environmental Studies (B.S.)

**CHM 2211L**

**Organic Laboratory Techniques I**

**2(0,6)  
2(0,4)**

*Approved*

PR: CHM 2046L and CHM 2210. Priority will be given to students whose major requires this course.

An introduction to the laboratory techniques of organic chemistry, including the preparation, reaction, and analysis of organic compounds. IMPORTANT: Attendance of the first laboratory session dealing with safety procedures is mandatory; students who do not attend must immediately call the Chemistry Department, and may be dropped from the class.

Discussion with others: None noted

Rationale: No change in content is expected. The change from 2(0,6) to 2(0,4) reflects the reality that normally 6 contact hours are not required for these laboratory experiments. The change will allow greater flexibility in scheduling and will maximize our staff and space resources.

Majors taking course: All science majors requiring CHM 2210/2211

There are 17 programs that list CHM 2211L: Biology (B.S.), Chemistry (B.S.), Chemistry - Biochemistry Track (B.S.), Chemistry - Minor, Bioengineering - Minor, Health Sciences (B.S.), Medical Laboratory Sciences (B.S.), Biomedical Sciences (B.S.), Biotechnology (B.S.), Biomedical Sciences - Preprofessional Concentration (B.S.), Secondary Education - Science Education Chemistry Track (B.S.), Forensic Science - Chemistry Track (B.S.), Forensic Science - Biochemistry Track (B.S.), Biomedical Sciences - Molecular and Cellular Biology Track (B.S.), Biomedical Sciences - Molecular Microbiology Track (B.S.), Biomedical Sciences - Neuroscience Track (B.S.), Physics (B.A.)

**CHS 3505C**

**Forensic Microscopy**

**4(2,6)**

PR: 'C' grade or better in CHM 2046 & L, and CHS 3501; and ~~PR: or CR: PHY 2049C, MAC 2312.~~

The study of the polarized light microscope and its use in the identification and comparison of trace evidence.

Rationale: The revision of the prerequisites will allow students to complete the course earlier and allow for the sequencing of other (higher level) courses in the program.

There are 2 programs that list CHS 3505C: Forensic Science - Chemistry Track (B.S.), Forensic Science - Biochemistry Track (B.S.)

**CHS 3511C**

**Trace Evidence**

**4(2,6)**

PR: 'C' grade or better in CHM 2211, CHM 3120, CHM 3120L and CHS 3505C & CHM 2211, 3505C.

An advanced study of the techniques used to identify and compare trace evidence.

Rationale: The prerequisites have been changed to ensure students have the lower level courses necessary as well as to sequence upper level courses in the major.

There are 2 programs that list CHS 3511C: Forensic Science - Chemistry Track (B.S.), Forensic Science - Biochemistry Track (B.S.)

**CHS 3530C Forensic Analysis of Controlled Substances 4(3,3)**

PR: 'C' grade or better in CHM 2211, ~~PR: or CR: CHS 3505C & CHM 2211L,~~ CHM 3120, ~~or C.I. CHM 3120L,~~ CHS 3511C.

Study of presumptive tests, isolation, and instrumental techniques used in identification of controlled substances.

Rationale: The prerequisites have been changed to ensure students have the lower level courses necessary as well as to sequence upper level courses in the major.

There are 3 programs that list CHS 3530C: Chemistry - Minor, Forensic Science - Chemistry Track (B.S.), Forensic Science - Biochemistry Track (B.S.)

**CHS 3595 Forensic Science in the Courtroom 3(3,0)**

PR: "C" grade or CR: better in CHS 3501 ~~or C.I.,~~ and senior level in Forensic Science ~~major.~~ Science.

The special needs of the forensic scientist in ~~preparing for~~ including ethics, law and participating in courtroom proceedings, testimony.

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

Rationale: The revised prerequisites (addition of "senior level") will allow for students to have the appropriate lower level course experiences prior to enrolling in the course.

There are 2 programs that list CHS 3595: Forensic Science - Chemistry Track (B.S.), Forensic Science - Biochemistry Track (B.S.)

**CHS 4515C Forensic Crime Scene Investigation 4(2,6)  
3(2,3)**

PR: Grade of 'C' or better in CHS ~~3511C,~~ ~~or C.I. 3505C.~~

Procedures for the collection, processing, and investigation of ~~arsen, explosives, and forensic evidence discovered at a crime scenes.~~ scene.

Rationale: Revision of the course is to align with FEPAC accreditation standards. This was an elective course but will now be a required course for both Forensic Science tracks. The credit hours have been decreased (from 4 to 3)

There are 2 programs that list CHS 4515C: Forensic Science - Chemistry Track (B.S.), Forensic Science - Biochemistry Track (B.S.)

**CHS 4537 Forensic Laboratory Quality Assurance 2(2,0)  
Forensic Laboratory Quality Assurance and Professional Practice 3(3,0)**

PR: Grade of "C" or better in CHS 3501, STA 2023, CHM 3120 and CHM 3120L or C.I.

Concepts and principles of quality assurance ~~and quality systems management~~ as well as professional practices in forensic laboratories. science.

**Abbrev (30 of 30):** ~~Forensic Lab Quality Assurance~~ Forensic Lab QA & Pro Practice

Rationale: Revision of this course is to align with FEPAC accreditation standards. The increase of 1 credit hour will be offset by a decrease in 1 credit hour to CHS 4591.

There are 2 programs that list CHS 4537: Forensic Science - Chemistry Track (B.S.), Forensic Science - Biochemistry Track (B.S.)

**CHS 4591** **Forensic Science Internship** **4(0,40)**  
**3(3,0) (0,30)**

PR: Senior standing, within 8 hrs. of completion of degree requirements, and 2.5 overall GPA.  
GPA in the major.

Credit for full-time work (one semester; ~~400~~ 300 hours) ~~for~~ at a professional-forensic laboratory.  
May be repeated for credit science agency under the supervision of faculty and agency representative.

Rationale: Revision of course is to align with FEPAC accreditation standards. The decrease in 1 credit hour is to offset the increase in 1 credit hour to CHS 4537. The required hours students must complete is reduced from 400 hours to 300 hours.

There are 2 programs that list CHS 4591: Forensic Science - Chemistry Track (B.S.), Forensic Science - Biochemistry Track (B.S.)

**COM 3013** **Communication and the Family** **3(3,0)** *Approved*

**COM 4013**

PR: One of the following; ~~SPC 1608, SPC 1603C,~~ PR or CR: COM 4000, 3003 or C.I.

The ways members of a family unit interact verbally and nonverbally to influence one another.

Rationale: Course is being updated to 4000 level course number (proposed COM 4013) to more accurately reflect the rigor of the actual content delivered in the course.

There are 2 programs that list COM 3013: Human Communication (B.A.), Human Communication - Minor

**COM 3022** **Health Communication** **3(3,0)**

**COM 4022** **Principles of Health Communication**

PR: ~~SPC 1608, 1608 or SPC 1603C, 1603C~~ or COM 4000, 1000 or C.I.

Theories and research about the role communication plays in health.

**Abbrev (25 of 30):** ~~Health Communication~~-**PRINCIPLES OF HEALTH COMM**

Term Offered: ~~Fall,~~ Spring

Rationale: Course is being updated to a 4000 level course number (proposed COM 4022) to more accurately reflect the rigor of the actual content delivered in the course.

There are 5 programs that list COM 3022: Health Communication - Certificate, Health Sciences (B.S.), Human Communication (B.A.), Human Communication - Minor, Communication & Conflict (B.A.)

**COM 3110** **Business and Professional Communication** **3(3,0)**

**COM 4110**

PR: Human Communication, Ad-PR, or R-TV Majors or Human Communication Minors only; and one of the following; SPC 1608, SPC 1603C, or C.I.

Theoretical and practical training in effective presentational speaking for business and professions.

Rationale: Course is being updated to a 4000 level course (proposed COM 4110) number to more accurately reflect the rigor of the actual content delivered in the course.

There are 6 programs that list COM 3110: Advertising-Public Relations (B.A.), Radio - Television (B.A.), Human Communication (B.A.), Human Communication - Minor, Nonprofit Management - Minor, Litigation and Advocacy - Certificate

**COM 3120** **Organizational Communication** **3(3,0)**  
**COM 4120**

PR: Health Communication Certificate or Communication and Conflict major or PR: or CR: COM 3344 or COM-3003, or C.I.

A study of communication functions and problems within the contexts of hierarchies.

Rationale: Course is being updated to a 4000 level course (proposed COM 4120) to more accurately reflect the rigor in the course and the prerequisite of Health Communication for those students who will also be completing the course.

There are 6 programs that list COM 3120: Human Communication - Minor, Leadership Studies - Certificate, Leadership Studies - Minor, Human Communication (B.A.), Health Communication - Certificate, Communication & Conflict (B.A.)

**COM 3332** **Communication, Technology, and Change** **3(3,0)**  
**COM 4332**

PR: ~~One of the following: SPC 1608, SPC 1603C,~~ PR or CR: COM 4000, 3003 or C.I.

How new technologies influence (and are influenced by) communication in a variety of contexts, including organization and interpersonal settings.

Rationale: Course is being updated to a 4000 level course (proposed COM 4332) to more accurately reflect the rigor in the course.

There are 2 programs that list COM 3332: Human Communication (B.A.), Human Communication - Minor

**COM 4550** **Health Communication Campaigns** **3(3,0)**  
**Public Communication Campaigns**

PR: COM 3344, 3311 or CI.

Strategies This course examines the strategies and effects of health public communication campaigns aimed at informing and persuading audiences. audiences in health, political and environmental contexts.

**Abbrev (30 of 30):** ~~Health Communication Campaigns~~ **Public Communication Campaigns**

Rationale: Course is being updated to include subject matter beyond the health campaign to include political and environmental communication campaigns.

There are 4 programs that list COM 4550: Health Communication - Certificate, Health Sciences (B.S.), Human Communication (B.A.), Anthropology of Global Health - Certificate

**COM 4803** **Third Party Processes & Intervention** **3(3,0)**

PR: COM 3802 and Communication & Conflict Major or CR: COM 3800. CI.

Identify components and skills in multiple third party processes including mediation, arbitration, and facilitation; build conflict management and process design skills.

Term Offered: Fall

Discussion with others: None noted

Rationale: Provide better course sequencing and as the Communication Conflict is an online program need to limit to majors only.

There are no programs that list COM 4803.

**COM 4805** **Transformative Communication** **3(3,0)**

PR: Communication & Conflict major and PR or CR; CR COM 3800, 3800 or COM 3311 or C.I.  
Examines various western and non-western belief/ethical systems, and how conflict may be perceived, communicated and interpreted using metaphysical approaches to conflict management.

Discussion with others: None noted

Rationale: Change pre-requisite of course to include the research methods course for Human Communication majors.

There are no programs that list COM 4805.

**COM 4806** **Communication & Conflict Case Studies** **3(3,0)**

PR: Communication & Conflict major and Senior Standing, COM 3800 or COM 3311 and COM 3802 or C.I.

Application of communication and conflict theories to intercultural and community case studies, examining historical, political, and cultural elements of empowerment and peace-building.

Discussion with others: None noted

Rationale: Provide better course sequencing and progression toward graduation.

There are no programs that list COM 4806.

**JOU 2100C** **News Reporting** **3(3,1)**

PR: Com pending, or Journalism Major, or Magazine Journalism Minor and meet grammar proficiency requirement: a grade of "A-" (3.75) or higher in ENC 1101 and ENC 1102 OR a "B" (3.0) or better in ENC 3250 or LIN 3673 OR a passing score on the Grammar Proficiency Exam or C.I.

Newsgathering and writing for the mass media.

Discussion with others: None noted.

Rationale: Clarify prerequisites as this course is an essential foundation course for other courses in the Journalism B.A. and Magazine Journalism minor.

There are 2 programs that list JOU 2100C: Magazine Journalism - Minor, Journalism (B.A.)

**JOU 3201** **Editing I** **3(3,0)**

PR: Meet grammar proficiency requirement with "A-" A grade of "C" (2.0) or higher better in ENG 4404 and ENG 4402, JOU 2100C or complete Grammar Proficiency test: C.I.

Editing copy, writing headlines, managing newsroom operations.

Discussion with others: None noted.

Rationale: To enforce minimum grad of "C" in foundational course before students can take more advanced courses.

There are 2 programs that list JOU 3201: Journalism (B.A.), Magazine Journalism - Minor

**JOU 4213C** **Page Design** **3(2,1)**



PR: Journalism major or Magazine Journalism minor and a grade of "C" (2.0) or better in JOU 3204, 2100C or C.I.

Designing news pages, including stories, headlines, and other content.

Discussion with others: None noted.

Rationale: To enforce minimum grade of "C" in foundational course before students can take more advanced courses.

There are 2 programs that list JOU 4213C: Journalism (B.A.), Magazine Journalism - Minor

**RTV 3304** **Electronic Journalism II** **3(3,0)**

PR: Journalism major, and a minimum grade of "C" (2.0) in RTV 3304, 3301 and RTV 3324, and JOU major, 3321 or C. I.

Newsriting and newsgathering strategies learned in RTV 3301 are integrated into a newsgathering context for actual production of analog and digital radio and television news packages.

Discussion with others: None noted.

Rationale: To enforce minimum grade of "C" in foundational courses before students can take more advanced courses.

There is 1 program that lists RTV 3304: Journalism (B.A.)

**RTV 4681C** **Television News** **4(1,3)**

PR: Journalism major, and a minimum of "C" (2.0) in RTV 3304 and RTV Major Broadcast Journalism Specialization or C.I.

Production of weekly campus newscast. Daily newsgathering and production decisions are conducted by students under the advisement of the instructor functioning as news director. Students should expect significant work in the RTV lab facility outside of class.

Discussion with others: None noted.

Rationale: To enforce minimum grade of "C" in foundational courses before students can take more advanced courses.

There is 1 program that lists RTV 4681C: Journalism (B.A.)

**SPC 3513C** **Argumentation and Debate** **3(1,2)**

**SPC 4513C**

PR: One of the following; SPC 4608, 1608 or SPC 4603C, 1603C or COM 1000, or C.I.

Study and practice in the preparation and delivery of argumentative speeches emphasizing argument, evidence, and organization.

**Abbrev (22 of 30): ~~Argumentation and Debate~~ ARGUMENTATION & DEBATE**

Rationale: Course is being updated to a 4000 level course (proposed SPC 4513C) to more accurately reflect the rigor in the course.

There are 2 programs that list SPC 3513C: Human Communication (B.A.), Human Communication - Minor

**SPC 3513H** **Honors Argumentation and Debate** **3(3,0)**

**SPC 4513H**

PR: Consent of Honors and one of the following; SPC 4608, 1608 or SPC 4603C, 1603C or COM 1000, or C.I.

Advanced study and practice in the preparation and delivery of argumentative speeches emphasizing argument, evidence, and organization. With honors content.  
Rationale: Course is being updated to a 4000 level course (proposed SPC 4513H) to more accurately reflect the rigor in the course.  
There is 1 program that lists SPC 3513H: Litigation and Advocacy - Certificate

**POS 4961** **Exit Exam** **0(0,0)**  
**Exit Course**

PR: POS 2041 and Senior ~~Standing~~, Standing, CR: POS 3703.

~~Complete the departmental exit exam~~ required department assessments during the semester of ~~graduation~~, graduation, assist students with advising, post graduation planning.

**Abbrev (11 of 30): ~~Exit Exam~~ Exit Course**

Discussion with others: None noted.

Rationale: Revising course name from 'Exit Exam' to 'Exit Course' provides students and faculty better idea of course content and objectives as it addresses more than just the Exit Exam. The course helps the Department of Political Science conduct annual assessment and advising majors on graduation and post graduation plans.

Majors taking course: Senior political science and IGS majors

There are no programs that list POS 4961.

### **The Burnett Honors College Course Revisions**

**IDH 1920H** **Honors Symposium I** **2(2,1)**  
**Honors Freshman Symposium** **1(1,0) (0,0)**

PR: Permission of Honors.

Readings, lectures, ~~discussions~~, and ~~laboratories~~ discussions covering aspects of ~~scholarship~~ scholarship, ~~research~~, and ~~service learning~~, university life. Graded S/U.

**Abbrev (25 of 30): ~~Honors Symposium I~~ Honors Freshman Symposium**

There are no programs that list IDH 1920H.

## **4. Course Deletions**

### **College of Arts and Humanities Course Deletions**

**GER 3420** **CAH-LANG** **3(3,0)**

**Intensive German Composition** PR: GER 2201 or equivalent. Development of skills in composition.

Discussion with others: n/a

Rationale: This course was taught as a requirement for the German Minor that was discontinued in our Department.

There are no programs that list GER 3420.

GER 4520

CAH-LANG

3(3,0)

**Modern Germany PR:** Given in German. An introduction to the history of postwar Germany from the two Germanies to unification and today's Germany.

Discussion with others: We discussed with Political Science and there were no conflicts.

Rationale: This course was taught as a requirement for the German Minor that was discontinued in the Department of Modern Languages.

There is 1 program that lists GER 4520: European Studies - Minor

### College of Business Administration Course Deletions

ECO 4902

BA-ECON

1(1,0)

**Capstone in Economics PR:** ECO 3101, ECO 3203, ECO 3411, Senior Standing, Economics Major. Students use critical thinking and written communication to integrate and apply material learned in economics courses to economics problem and policies. Graded S/U.

Discussion with others: No conflicts.

Rationale: It no longer serves its intended purpose.

There are 2 programs that list ECO 4902: Economics, Business (B.S.B.A.), Economics (B.S.)

### College of Education and Human Performance Course Deletions - *Approved*

EEX 4054

ED-CFCS

2(2,0)

**Application and Theories for Students with Special Needs PR:** EEX 2010. Theories and historical foundations for students with specific learning, physical, cognitive, and emotional disabilities.

Discussion with others: Not required by any programs

Rationale: The B.S degree in Exceptional Student Education has been

recently updated to meet current policies, standards and research findings, as well as to provide more

clinical experiences. Given that multiple courses in this program have been enhanced and revised, EEX 4054

no longer meets the current program and course needs.

There are no programs that list EEX 4054.

EME 4312

ED-E&HS

3(3,0)

**Applications of Technology in Education** Classroom applications of instructional media, including computers. Includes experiences with equipment, commercial and teacher-made media, and their uses.

Discussion with others: Not required by any other program

Rationale: This course is no longer required by any program.

There are no programs that list EME 4312.

EDF 3120

ED-TL&L

3(3,0)

**Observing Child Growth and Development PR:** Admission to the program. Provides a comprehensive introduction to the principles and basic theories of child growth and development from pre-natal development through age eight.

Discussion with others: Not used by any other departments

Rationale: Not used by any program in the college and there is a similar course offered, EDF 2130, that is better suited to current program needs.

There are no programs that list EDF 3120.

### College of Engineering and Computer Science Course Deletions - *Approved*

**EAS 3010** **ECS-MECH/AERO** **3(3,0)**

**Fundamentals of Aerospace Flight** PR: EGN 3321 and a "C" (2.0) or better in all of the following prerequisites: MAC 2311C, MAC 2312 and PHY 2048; CR: EGN 3343. Fundamental theories of inviscid, incompressible aerodynamics and flight mechanics, airfoil theory, external and internal flows, airplane performance.

Discussion with others: none

Rationale: We have replaced this course with a combination of EML 3701: Fluid Mechanics I and EAS 3101: Fundamentals of Aerodynamics. EAS 3010 is no longer needed.

There are no programs that list EAS 3010.

**EML 3217** **ECS-MECH/AERO** **3(3,0)**

**Engineering Mechanics - Dynamics** PR: MAC 2313 with a grade of "C" (2.0) or better, EGN 3310; CR: MAP 2302. Kinematics and kinetics of particles and rigid bodies; mass and acceleration, work and energy, impulse and momentum, introduction to kinematics of mechanisms; introduction to 3D rigid body dynamics; central force.

Rationale: Course has been discontinued and will no longer be offered.

There is 1 program that lists EML 3217: Intelligent Robotic Systems (IRS) - Interdisciplinary - Minor

## 5. Course Continuations

### College of Arts and Humanities Course Continuations - *Approved*

**ENC 4312** **CAH-ENG** **3(3,0)**

**Theory & Practice Persuasive Writing** PR: Grade of C (2.0) or better required in ENC 1102. A study of the theory and practice of persuasion, including logical emotional and ethical appeals.

Rationale: We'd like to keep this course as well. It supports the Prelaw in the Humanities Minor and we're planning to put it on our schedule for 18-19.

There is 1 program that lists ENC 4312: Pre-Law in the Humanities - Minor

**LIT 3394H** **CAH-ENG** **3(3,0)**

**Honors Literature of AIDS** PR: *consult* Permission of Honors and ENC 1102H or equivalent credit. Literature related to AIDS: Essays, short stories, plays, poetry, diaries, and novels. Honors content.

Rationale: This is an Honors course that we'd like to keep on the books in case Honors would like to offer it again in a coming semester. We have someone who can teach it.  
There are no programs that list LIT 3394H.

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