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**Undergraduate Course Review Committee (UCRC)**  
Tuesday, March 06, 2018 at 12:00 – 1:00 PM  
College of Sciences (CSB) 221

AGENDA

- I. Welcome and guest introductions

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- II. Confirmation of Quorum
- III. Approval of January 23, 2018 meeting minutes ... *approved*
- IV. Course Action Agenda
  - a. Special Topics Additions - *Table*
  - b. Course Continuations - *approved*
- V. Curriculog Webinar
- VI. Approving Special Topics Courses for Summer/Fall 2018 Process -
- VII. Undergraduate Curriculum Handbook Update
- VIII. Adjournment *12:52*  
Next meeting:  
Tuesday, April 03, 2018

*Discuss Undergrad Curriculum Handbook draft*

**UNDERGRADUATE COURSE REVIEW COMMITTEE MEETING  
ATTENDANCE SHEET 3/06/18**

<b>Senate Representatives</b>			
<b>Last</b>	<b>First</b>	<b>SIGNATURE</b>	<b>DEPARTMENT</b>
Murphy	Kevin		Foodservice and Lodging Management
Pinkert	Laurie	<i>Laurie A Pinkert</i>	Writing and Rhetoric
Schulte	Alfons		Physics
Zemliansky	Pavel	<i>PS</i>	Writing and Rhetoric

<b>Faculty Representatives</b>			
<b>Last</b>	<b>First</b>	<b>SIGNATURE</b>	<b>DEPARTMENT</b>
Bai	Yuanli	<i>Bai Yuanli</i>	Mechanical and Aerospace Engineering
Consalo	Karen		Legal Studies
Duff	Sara	<i>Sara Duff</i>	Acquisitions and Collections Services
Filler	Dennis	<i>Dennis Filler</i>	Civil, Environmental, and Construction
Gelfuso	Andrea		School of Teaching, Learning and Leadership
Kar	Aravinda		Optics and Photonics
Kinchen	Elizabeth		Nursing
Legron-Rodriguez	Tamra	<i>Tamra Legron</i>	Chemistry
Samsam	Mohtashem		Biomedical Sciences
Schellhase	Kristen	<i>Kristen Schellhase</i>	Health Professions
Sims	Valerie		Sciences
Tamberelli	Frank	<i>Frank Tamberelli</i>	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		Academic and Student Affairs
Dupuis	Martin	<i>Martin Dupuis</i>	Honors College



Printed 2/1/14

## Course Agenda

### 1. Course Additions

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

**EEL 4XXX** **ECS-ECE** **3(3,0)**  
**Introduction to Sensors:** PR: EEL 3123C. Basics of measurements, physics of energy transduction, sensor specifications (range, sensitivity, accuracy, repeatability, noise), applications, basics of signal conditioning. *Even Fall*.  
**Abbrev:** (23 of 30 chars) Introduction to Sensors  
**Rationale:** Considering that sensors are prevalent in our daily life and the fact that there is an ever growing market for them, there is very little that engineers and specifically electrical engineers graduating from our department learn about them. This course is aiming at filling this gap and training students on the basics of sensors operation and design.

### 2. Special Topics Additions

#### College of Sciences Special Topics Additions

**COM 2930** **COS-COMM** **3(3,0)**  
**ST: Principles of Intercultural Communication Competency:** PR: COM 1000 or SPC 1608 or SPC 1603C or C.I. Introduces principles of intercultural competency to improve communication between people of different cultures. *Occasional*.  
**Abbrev:** (29 of 30 chars) Principles of Inter Comm Comp  
*Fall 2018*  
**Discussion with others:** None noted.

**COM 3930** **COS-COMM** **3(3,0)**  
**ST: Communication Competence for Cultural Entry/Re-Entry:** PR: COM 2930. ST: Principles of Intercultural Communication Competency or previous study abroad or domestic internship or C.I. Explores the entry and re-entry process, communication variables involved in cultural exchanges and student abroad experiences. *Occasional*.  
**Abbrev:** (30 of 30 chars) Comm Comp for Cultural Ent/ReE  
*Spring 2019*  
**Discussion with others:** None noted.

### 3. Course Revisions

#### College of Engineering and Computer Science Course Revisions

**COP 3402** **Systems Software** **3(3,0)**  
**COP 3402C** **3(3,1)**  
**PR:** CDA 3103C and COP 3502C each with a grade of "C" (2.0) or better. Design and development of assemblers, linkers, loaders, and compilers. Study memory hierarchy, program performance, and system level I/O.  
**Rationale:** Correcting oversight in catalog.  
**Major taking course:** CS undergraduate students  
**There are 5 programs that list COP 3402:** Mathematics (B.S.), Cyber Operations - Certificate, Computer Science (B.S.), Computer Science - Accelerated Undergraduate Graduate Program (B.S. / M.S.), Physics (B.A.)

**EEL 3004C** **Electrical Networks** **3(3,2)**  
**Linear Circuits I**  
**PR:** MAC 2311C, MAC 2312, MAC 2313, PHY 2048C, PHY 2049C all with a "C" (2.0) or better grade. CR: MAP 2302.  
**Analysis and design of linear circuits: transients, AC analysis, analysis and power calculations. The course includes recitation and exploration of areas of study within electrical and computer engineering - First order RLC circuits. Three phase circuits. Discussion with others: Syllabus needs to be updated to include objectives and outcomes. There are 9 programs that list EEL 3004C:** Engineering-A.A. to B.S. Track (B.S.), Mathematics (B.S.), Computer Engineering - Comprehensive Track (B.S.Cp.E.), Electrical Engineering - Comprehensive Track (B.S.E.E.), Photonic Science and Engineering (B.S.P.S.E.), Electrical Engineering - Power and Renewable Energy Track (B.S.E.E.), Electrical Engineering - RF and Microwaves Track (B.S.E.E.), Electrical Engineering - Communications and Signal Processing Track (B.S.E.E.), Computer Engineering - Digital Circuits Track (B.S.Cp.E.)

**EEL 3004C** **Honors Electrical Networks** **3(3,2)**  
**Honors Linear Circuits I**  
**PR:** Permission of Honors and MAC 2311C, MAC 2312, MAC 2313, PHY 2048C, PHY 2049C all with a "C" (2.0) or better grade. CR: MAP 2302.  
**Analysis and design of linear circuits: transients, AC analysis, analysis and power calculations. The course includes recitation and exploration of areas of study within electrical and computer engineering - First order RLC circuits. Three phase circuits. There are no programs that list EEL 3004C.**

**EEL 3123C** **Honors Networks and Systems** **3(3,2)**  
**Honors Linear Circuits II**  
**PR:** Consent of Honors and EEL 3004C, MAP 2302 both with grades of "C" (2.0) or better. **Network functions, Second order RLC circuit response, Laplace transforms, Transitions, frequency domain analysis using selective circuits, Fourier series and transforms, sampling theory and Z-transforms, series, two port networks. There are no programs that list EEL 3123C.**

**EAS 4703C** Small Satellite Payloads and Integration **3(2,4)**  
**EAS 4773** **3(3,0)**  
 PR: "C" (2.0), or better in EML 3303C or EAS 3800G or EEL 3804G or ESI 4523-3800G.  
 Evaluate overall impact of integration and design concepts on various satellite component subsystems and their payloads into a small satellite system design leading to a final configuration.  
 Term Offered: ~~Geesehead Fall~~  
 There are no programs that list EAS 4703C.

Rationale: We have not offered SYP 4304: Social Movements & Revolutions because we did not have a faculty member trained to teach it. Within the past year, however, we hired someone with training to allow us to offer the course to our undergraduate students. This will be especially helpful for our sociology majors interested in social inequalities and social change as well as our minors in Diversity and Social Inequality and Mass Culture and Collective Behavior.  
 There are no programs that list SYP 4304.

**College of Sciences Course Revisions**

**SPC 2942** ~~Debate Practicum~~ **1-3(1-3,0)**  
**SPC 3942** **Speech and Debate Practicum**  
 PR: Participation on the Speech or Debate Team or C.I.  
 Training and participation in intercollegiate speech and/or debate. ~~Graded S/U. May be used in the degree program a maximum of 3 times.~~  
 Abbrev (27 or 30): ~~Debate Practicum~~ **Speech and Debate Practicum**  
 Term Offered: ~~Geesehead Fall, Spring~~  
 Graded SU: ~~Yes~~ **NO**  
 Discussion with others: None noted.  
 Rationale: Speech and Debaters complete the equivalent of 1 graduate seminar's class worth of research or more per year they debate and this course would allow these students to receive academic credit given for this effort. Repeatable up to 3 credit max. Provides students with the opportunity to obtain academic credit and therefore will incentivize participation in speech and debate.  
 Majors taking course: UCF Speech and Debate Team members  
 There are no programs that list SPC 2942.

**4. Course Deletions**

**5. Course Continuations**

**College of Sciences Course Continuations**  
**SYP 4304** **COS-SOC** **3(3,0)**  
**Social Movements and Revolutions** PR: One of SYG 2000, ANT 2000, PSY 2012, or Junior standing. Comparative sociology of revolutions and the sociological research on social movements.

(lost about)