Welcome and call to order. Dr. Kerry Purmensky, chair, called the meeting to order at 2:30 p.m. and welcomed the committee and guests. A quorum was established. The minutes from the September 21, 2016 meeting were reviewed and approved.

Reactivation of CEHP Master of Teacher Education (MAT) – Art Education track, effective Spring 2017. Dr. Mike Hynes noted that the track was suspended due to faculty leaving UCF and the department now has new faculty to support this track. This request received unanimous approval. The program only admits in spring and summer, and there are no curricular changes. The equipment fee was previously approved and applies to all tracks in the MAT.

Revisions to the CON Doctor of Nursing Practice. Dr. Angela Ritten provided history relevant to the curriculum changes for the DNP and shared that removing the MSN along the way is a national trend. The program has experienced issues with students leaving the DNP after earning the MSN, and the total credit hours required was out of balance with other universities. This request received unanimous approval.

- Adult-Gerontology Acute Care Nurse Practitioner track, effective Fall 2017
- Adult-Gerontology Primary Care Nurse Practitioner track, effective Fall 2017
- Advanced Practice track, effective Spring 2018. Track admits in spring and summer.
- Family Nurse Practitioner track, effective Fall 2017

Addition of the COS Integrative Anthropological Sciences PhD, effective Fall 2018. Dr. Stacy Barber gave an overview of this new PhD program, which has a methodological competence focus that distinguishes it from the other two PhD programs in the state. The department has existing and new faculty who focus in methods to support this new program. Dr. Barber also reviewed the associated new courses in the Course Agenda. This request received unanimous approval.

Name change from COS Applied Experimental and Human Factors PhD to Human Factors and Cognitive Psychology PhD, effective Fall 2017. Dr. James Szalma explained the changes in the field as well as in the composition of the program faculty that prompted this name change. There are no other curriculum changes at this time. This request received unanimous approval.

Revisions to the COS Communication MA, effective Fall 2017. Dr. Harry Weger reviewed the changes in the MA tracks, including replacement of the core statistics course with a communication course and additions to the restricted electives. He responded to questions regarding effects of these changes on recruiting and enrollment. This request received unanimous approval.

- Interpersonal Communication track
- Mass Communication track

Revisions to the COS Corporate Communication Graduate Certificate, effective Fall 2017. Dr. Weger reviewed the change in the certificate. This request received unanimous approval.

Courses and special topics. For a list of approved courses, see the attached course minutes.

Adjournment. The meeting adjourned at 3:30 p.m. The next meeting is on November 9.
Course Minutes
October 26, 2016

All courses have been approved unless otherwise noted. Any notations listed refer to the course below the notation.

1. Course Additions

**College of Arts and Humanities Course Additions**

**AMH 5XXX** CAH-HIST 3(3,0)

Colloquium in Twentieth Century Tourism: PR: Graduate standing or C.I. Examines the historiography and major themes in the history of tourism scholarship. Occasional.

**Abbrev:** (17 of 30 chars) Colloq in Tourism

Discussion with others: We have checked for conflicts with the following departments/programs, and no conflicts have been found (see attached emails): English, Anthropology, and Rosen College. We do not foresee conflicts with any other programs.

**Rationale:** To expand the range of offerings in US history.

**EUH 5XXX** CAH-HIST 3(3,0)

Colloquium in Early Modern History: PR: Graduate standing or C.I. Readings and discussion on selected topics in the historiography of Early Modern Europe (circa 1400 to 1800). Occasional.

**Abbrev:** (26 of 30 chars) Colloq in Early Modern Hst

Repeat For Credit: True Max Times: 2

Discussion with others: We have checked for conflicts with the following departments/programs, and no conflicts have been found (see attached emails): English and Political Science. We do not foresee conflicts with any other programs.

**Rationale:** To expand the range of offerings in European History.

**College of Education and Human Performance Course Additions**

Tabled 10/26/2016. Needs discussion with Communication Sciences and Disorders and with Psychology.

**EEX 6XXX** ED-CFCS 3(3,0)

Advanced Behavior Analysis: PR: EEX 6612. This course prepares practitioners to use the principles of advanced behavior analysis (ABA) to assess and teach communication skills to individuals with autism and develop knowledge of current augmentative and alternative communication (AAC) technology. Summer.

**Abbrev:** (3 of 30 chars) ABA

Discussion with others: At this time, there are no courses on the books at the advanced behavior analysis level. The EEX 6612 methods of behavior management is a required course prior to entering the Advanced behavior analysis course. Content in the new course will build off of EEX 6612 into more advanced and complex systems of behavior analysis.

College of Engineering and Computer Science Course Additions
Tabled 10/26/2016, with 1 opposed. Needs discussion with Biomedical Sciences.

EEL 5XXX  ECS-ECE  3(3,0)
Advanced Bioelectronics Systems: PR: EEE 4309C or C.I. Advanced bioelectronics systems and techniques that enable recent biophysical and biomedical research will be discussed. Spring.
Abbrev: (30 of 30 chars) Advanced Bioelectronics System
Discussion with others: Discussed with Biomedical Engineering and with NSTC; no overlaps or conflicts found.
Rationale: In recent years, electronics systems and instrumentations became an essential tool for the advances in biotechnology and biosciences that deal with numerous issues associated with noise, gain-bandwidth and throughput, for instance, single-cell electrophysiology and single-molecule measurement. As the industrial and academical interests grow rapidly in biotechnology, students advancing their career in biotechnology need fundamental understanding of common challenges and techniques in advanced bioelectronics systems.

Especially with UCF starting a Biomedical Engineering program for MS (and Ph.D. in the future), this class will give a strong presence of Electrical and Computer Engineering to students who have interest in the field of Biomedical Engineering.

College of Graduate Studies Course Additions

IDS 6XXX  GRDST-INTERDIS  3(3,0)
Nanotechnology for Sustainable Agriculture: PR: Admission to the PSM or MS in Nanotechnology or C.I. Prepares a new generation of STEM students who are equipped with necessary knowledge to adapt sustainable agricultural practices. Fall.
Abbrev: (30 of 30 chars) Nanotech for Sustainable Agric
Discussion with others: Course was discussed with the Chemistry Department and there was no overlap. This course is offered to students willing to pursue higher studies in agriculture (crop protection, horticulture, food science) or willing to work with agro-chemical industries. Traditional chemists or materials scientists are not adequately trained to join agricultural industries as they have limited exposure and knowledge in the field.
Rationale: No such course available at UCF to prepare students for agro-chemical job market.
Majors taking course: Recommended for students in PSM and MS programs in Nanotechnology.

IDS 6XXX  GRDST-INTERDIS  3(3,0)
Biointerfaces Enabled by Micro/NanoFabrication: PR: Admission to the PSM or MS in Nanotechnology or C.I. Introduces students to the interfaces and devices in the biotechnology and biomedical arenas that are enabled by Micro/NanoFabrication. Spring.
Abbrev: (30 of 30 chars) BIOINTERF ENAB BY MICRONANOFAB
Discussion with others: Discussed with Mechanical and Aerospace Engineering Department, and they have no concerns.
Rationale: This course will be used primarily as an elective course. The course will introduce students to a variety of biointerfaces that are enabled by Micro/NanoFabrication. Students will learn the practical applications of Micro/NanoFabrication technologies and their applications in BioMEMS and bionanotechnology products and will gain an in-depth overview of biointerfaces.
enabled by Micro/NanoFabrication. No such course available at UCF offers students exposure to both research devices as well as products of this type.

**Majors taking course:** PSM and MS programs in Nanotechnology

### College of Medicine Course Additions

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

**Integrative Medicine Elective**

PR: Completion of the M3 year. This elective rotation that provides introductory sessions and workshops will be presented by community practitioners and preceptors focusing on different modalities of integrative medicine; botanicals, homeopathy, mind/body, nutrition, traditional Chinese medicine, osteopathy, and energy medicine. *Spring.*

**Abbrev:** (29 of 30 chars) Integrative Medicine Elective

**Majors taking course:** None

### College of Nursing Course Additions


**NGR 6XXX**
**CON-**
**3(3,0)**

**Global Health in Action**

PR: Admission to Graduate Nursing Program or C.I. An overview of health from a global perspective, synthesizing the theory and practice of global health. *Summer.*

**Abbrev:** (21 of 30 chars) Global Hlth in Action

Repeat For Credit: True Max Times: 2

**Discussion with others:** See emails

**Rationale:** A major revision reflecting current issues in global health

**Majors taking course:** Not applicable

### College of Sciences Course Additions

**ANG 5XXX**
**COS-ANTHRO**
**3(3,0)**

**Writing in Anthropology**

PR: Admission to the Ph.D. in Integrative Anthropological Sciences or MA in Anthropology programs, or C.I. Develop scholarly writing skills specific to anthropology in terms of engagement with literature, crafting of arguments, as well as the style of expression and quoting. *Fall.*

**Abbrev:** (23 of 30 chars) Writing in Anthropology

**Discussion with others:** We reached out to the Department of Writing and Rhetoric and no conflict or duplication was found. See attached email.

**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct master and doctoral-level research in the anthropological sciences. This will be a required course in the Anthropology MA program and elective in the proposed Integrative Anthropological Sciences Ph.D. program.

**Majors taking course:** M.A. in Anthropology
ANG 6XXX COS-ANTHRO 3(3,0)
Advanced Topics in Environmental Transformations: PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs, or C.I. Anthropological, archaeological, ecological, and geographical approaches to understanding human interactions with landscapes and environments through time. *Odd Spring.*
Abbrev: (29 of 30 chars) Environmental Transformations
Discussion with others: We have had discussions with the following departments - Biology, Sociology, and History. No duplications or conflicts were identified. Emails attached. 9/14/2016 We did not receive a response from History. See attached original sent email.
Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and existing M.A. in Anthropology program.
Majors taking course: n/a

ANG 6XXX COS-ANTHRO 3(3,0)
Advanced Topics in Medical Anthropology: PR: Admission to Ph.D. in Integrative Anthropological Sciences or M.A in Anthropology programs, or C.I. Examination of advanced topics in the cultural construction of health and illness. *Even Spring.*
Abbrev: (28 of 30 chars) Adv Topics in Medical Anthro
Discussion with others: We have had discussions with the following departments - Political Science, Sociology, and Health Professions. No duplications or conflicts were identified. Emails attached.
Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.
Majors taking course: n/a

ANG 6XXX COS-ANTHRO 3(3,0)
Advances in Archaeological Practice: PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Topics concerning cultural resource management as a professional field within anthropology, and specifically, anthropological archaeology. *Occasional.*
Abbrev: (27 of 30 chars) Adv Archaeological Practice
Discussion with others: We reached out to the Department of History and a duplication was noted with one course. We significantly changed the scope of this course so there are no further overlaps. See attached email from History.
Rationale: This course will specifically provide students with a background to begin work in applied areas of archaeology and cultural resource management. This is significant because it allows students opportunities for employment outside of academia and prepares them for a competitive segment of the job market. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.
Majors taking course: n/a
ANG 6XXX COS-ANTHRO 3(3,0)
Advances in Bioarchaeology: PR: ANG 6520C and Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Advanced bioarchaeological analysis of cultural and historical processes that affect human skeletal remains. *Odd Fall.*
**Abbrev:** (26 of 30 chars) Advances in Bioarchaeology
**Discussion with others:** We have sent an email to the Department of History but did not receive a response. See original sent email attached.
**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.
**Majors taking course:** none

ANG 6XXX COS-ANTHRO 3(3,0)
Business Practices for the Anthropological Sciences: PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Examination of the culture and philosophy of business management, introducing business concepts and practices within anthropological sciences. *Occasional.*
**Abbrev:** (30 of 30 chars) Business Pract Anthro Sciences
**Discussion with others:** We have discussed this course with the Department of Management and a suggestion was made to change the title of the course. We have changed the title from Business Management for the Anthropological Sciences to Business Practices in the Anthropological Sciences. See attached email.
**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.
**Majors taking course:** n/a

ANG 6XXX COS-ANTHRO 3(3,0)
Contemporary Problems in the Study of Complex Societies: PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Examination of the processes that fostered the rise of complex societies, including the dynamics behind cultural evolution, societal expansion, and collapse. *Occasional.*
**Abbrev:** (29 of 30 chars) Problems in Complex Societies
**Discussion with others:** We have had discussions with the following departments - Biology, History, and Sociology. No duplications or conflicts were identified. Emails attached.
9/14/2016 We did not receive a response from History (see original sent email attached).
**Rationale:** This course will provide students with the background to understand why complex human systems are formed and dissolve. This forms a basis for understanding many forms of human interaction, which is essential for implementing PhD level research. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.
**Majors taking course:** none
Contemporary Problems in the Anthropology of Mental Health: PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. The study of mental health and mental illness from the perspective of practitioners, researchers and psychological/psychiatric anthropologists. *Odd Fall.*

**Abbrev:** (28 of 30 chars) Prob in Anthro Mental Health

**Discussion with others:** We have discussed this course with the College of Health and Public Affairs and College of Nursing and there are no duplications or conflicts identified.

**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

**Majors taking course:** none

Ethics in Anthropology: PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Ethical issues and concepts practitioners of integrative anthropological sciences confront across various academic, research, and public domains. *Occasional.*

**Abbrev:** (22 of 30 chars) Ethics in Anthropology

**Discussion with others:** We have discussed this course with the Department of Philosophy and there are no duplications or conflicts identified. A suggestion was made to change the title of the course from "Ethics in the Study of Human Societies" to something that identified it specifically as an anthropological course. The title was changed to "Ethics in Anthropology." See attached email.

**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

**Majors taking course:** no

Food Security and Sustainability: PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Global concepts of food security and sustainability including an examination of the social, economic, and environmental dimensions of how humans produce and consume food. *Occasional.*

**Abbrev:** (28 of 30 chars) Food Security/Sustainability

**Discussion with others:** We have had discussions with the following departments - Biology, and Sociology. No duplications or conflicts were identified. Emails attached.

**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.

**Majors taking course:** no
ANG 6XXX COS-ANTHRO 3(3,0)
Science, Technology, and the Transformation of Human Societies: PR: Admission to the Ph.D. in Integrative Anthropological Sciences or M.A. in Anthropology programs or C.I. Scientific methods and technology as they affect social transformation within the integrative anthropological sciences. Fall.
Abbrev: (30 of 30 chars) Transformation Human Societies
Discussion with others: We have had discussions with the following departments - Biology, Sociology, History, and Writing and Rhetoric. No duplications or conflicts were identified. Emails attached. 9/14/2016 Note - We did not receive a response from the Department of History. Please see attached original sent email.
Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is a required course in the proposed Integrative Anthropological Sciences Ph.D. program.
Majors taking course: Ph.D. in Integrative Anthropological Sciences

ANG 6XXXC COS-ANTHRO 3(3,0)
Applied Materials Analysis in Anthropological Sciences: PR: Admission to the Ph.D. in Integrative Anthropological Sciences and M.A. in Anthropology programs or C.I. Techniques used for analysis of biological and man-made materials, the interpretation of results produced, and their impact on the reconstruction of human biology and history. Even Fall.
Abbrev: (26 of 30 chars) Applied Materials Analysis
Discussion with others: We have had discussions with the following departments - Biology, Chemistry, and Material Science and Engineering. No duplications or conflicts were identified. Emails attached.
Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program and the existing M.A. in Anthropology program.
Majors taking course: n/a

ANG 7XXX COS-ANTHRO 3(3,0)
Advanced Anthropological Topics in Geospatial Analysis: PR: ANG 5852, ANG 5853, and Admission to the Ph.D. in Integrative Anthropological Sciences program or C.I. Advanced application of geographic information systems methodology for the documentation and analysis of anthropological, archaeological, and forensic problems. Spring.
Abbrev: (29 of 30 chars) Advanced Anthro Topics in GIS
Discussion with others: We have had discussions with the following departments - Biology, Electrical and Computer Engineering, Sociology, Political Science, and Public Administration. No duplications or conflicts were identified. Emails attached.
Rationale: Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. The course also highlights an enhancement of working with researchers in other disciplines and undertaking interdisciplinary research. This is a required course in the proposed Integrative Anthropological Sciences Ph.D. program.
Majors taking course: Integrative Anthropological Sciences Ph.D.
ANG 7XXX COS-ANTHRO 3(3,0)
Advanced Qualitative Methods in Anthropology: PR: ANG 6801 and Admission to the Ph.D. in Integrative Anthropological Sciences Ph.D. program or C.I. Advanced qualitative methods including data collection and analysis, writing ethnographies, and research presentation. *Spring.*
**Abbrev:** (29 of 30 chars) Qualitative Methods in Anthro
**Discussion with others:** We have had discussions with the following departments - Sociology, and Writing and Rhetoric. No duplications or conflicts were identified. Emails attached.
**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is a required course in the proposed Integrative Anthropological Sciences Ph.D. program.
**Majors taking course:** Ph.D. in Integrative Anthropological Sciences program.

ANG 7XXX COS-ANTHRO 3(3,0)
Advanced Quantitative Methods in Anthropology: PR: ANG 5486 and Admission to the Ph.D. in Integrative Anthropological Sciences program or C.I. Advanced quantitative methods in anthropology, including multivariate systems, assessment of reliability, and approaches for small samples. *Spring.*
**Abbrev:** (30 of 30 chars) Quantitative Methods in Anthro
**Discussion with others:** We have had discussions with the following departments - Statistics, and Sociology. No duplications or conflicts were identified. Emails attached.
**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is a required course in the proposed Integrative Anthropological Sciences Ph.D. program.
**Majors taking course:** Integrative Anthropological Sciences Ph.D.

ANG 7XXXC COS-ANTHRO 3(3,0)
**Abbrev:** (25 of 30 chars) Applied Isotopic Sciences
**Discussion with others:** We have had discussions with the following departments - Biology, Chemistry, and Material Sciences and Engineering. No duplications or conflicts were identified. Emails attached.
**Rationale:** Course is designed to provide students with specific methodological and employment skills that will forward their ability to conduct doctoral-level research in the anthropological sciences. This is an elective course in the proposed Integrative Anthropological Sciences Ph.D. program.
**Majors taking course:** n/a
**COM 5XXX COS-COMM 3(3,0)**

**Introduction of Communication Research:** PR: Graduate Standing, or CI. Provides the foundational knowledge and skills for conducting research in graduate Communication coursework including both quantitative and qualitative approaches. Spring, Summer, Fall.

**Abbrev:** (22 of 30 chars) Intro to Comm Research

**Discussion with others:** Contacted Sociology, Anthropology, Psychology and Political Science. See attached emails.

**Rationale:** This course will become the foundational research course for the Corporate Communication Certificate and both tracks of the M.A. program by providing basic methodological approaches to social science research in the Communication discipline.

**COM 6XXX COS-COMM 3(3,0)**

**Persuasion in the Media:** PR: Graduate standing or C.I. The underlying persuasive messages about cultural norms and values that are communicated through mass media channels such as movies, music, etc. *Occasional.*

**Abbrev:** (23 of 30 chars) Persuasion in the Media

**Rationale:** Students will learn to describe, interpret, and evaluate persuasive messages conveyed through mediated communication channels which is essential for understanding strategic communication.

**COM 6XXX COS-COMM 3(3,0)**

**Risk Communication:** PR: Graduate standing or C.I. A message-centered approach to the study of risk communication. Establishes risk communication as a distinct sub-discipline within the communication discipline. *Occasional.*

**Abbrev:** (18 of 30 chars) Risk Communication

**Discussion with others:** Contact with Public Administration attached; no conflict or overlap.

**Rationale:** This course provides an overview of the established and emerging perspectives on risk and crisis from the communication perspective. Crisis and Risk will be an area of emphasis in the degree program.

**COM 6XXX COS-COMM 3(3,0)**

**Teaching Communication:** PR: Graduate standing or C.I. Develop best practices for teaching public speaking, interpersonal, persuasion, small group, organizational, mass, and intercultural communication concepts and skills. *Occasional.*

**Abbrev:** (22 of 30 chars) Teaching Communication

**Discussion with others:** Contacted the Department of Educational and Human Sciences and the School of Teaching, Learning and Leadership (see attached email indicating the college's support for this new course).

**Rationale:** Communication Education (the philosophy and pedagogy involved in teaching communication) is a subtopic within the larger area of Instructional Communication (the role of communication in instruction across communication contexts). This course will align well with our proposed doctoral program.
2. Special Topics Additions

**College of Engineering and Computer Science Special Topics Additions**

Tabled 10/26/2016, with 1 opposed. Needs discussion with Biomedical Sciences.

EEL 5937  
**Advanced Bioelectronics Systems**: PR: EEE 4309C or C.I. Advanced bioelectronics systems and techniques that enable recent biophysical and biomedical research will be discussed. *Occasional.*

Abbrev: (30 of 30 chars) Advanced Bioelectronics System

EEL 6938  
**Modeling and Analysis of Networked Cyber Physical Systems**: PR: Graduate standing or C.I. Analysis, modeling and design of networked cyber-physical systems such as Intelligent Transportation Systems and Industrial Control Networks; Stochastic Hybrid Systems, continuous and discrete system modeling approaches; industry standards in transportation, smart grid, industrial control, and their use and implication in design of distributed systems. *Occasional.*

Abbrev: (29 of 30 chars) Mod & Analysis Networked Syst

Rationale: The course covers advanced topics in modeling and design of networked systems such as intelligent transportation systems and industrial networks. The subjects covered in this course are not currently offered in other courses at UCF. The material for the course has been revised over the past 5 years (at West Virginia University) based on the input from students and as the field has progressed and matured. The content is in particular of immediate value to students seeking positions in either industry or research related to connected vehicles, smart grid or industrial control. I have received feedback from several graduate students indicating their success due to familiarity with some of the industry related concepts that were taught in this course.

Due to time limitations, the committee did not review course revisions, deletions or continuations that were in the Course Agenda. These items will be reviewed at the November 9, 2016 meeting.