

## **Items Approved**

1. 17-21, Dual Degree MBA and Cybersecurity, New Program Proposal
  2. 17-22, CSM 4985, Artificial Intelligence and Machine Learning, New Course Proposal
  3. 17-23, CSM 4980, Networking and Distributed Computing, New Course Proposal
  4. 17-24, FCS 5460, Current Issues and Trends in Family & Consumer Sciences, Revised Course Proposal
  5. 17-25, KSS 5210, Administration of Intercollegiate Athletics, Revised Course Proposal
  6. 17-26, Kinesiology and Sports Studies, Program Revision Proposal
  7. 17-01, DGT 4763, Planning for Media Projects, New Course Proposal
  8. 17-02, DGT 4773, Graphics for Gaming, Animation, and Simulation, New Course Proposal
  9. 17-03, DGT 4783, Mobile Gaming, Animation, and Simulation, New Course Proposal
  10. 17-04, DGT 4793, Programming for Gaming, Animation, and Simulation, New Course Proposal
  11. 17-05, DGT 4823, Web Content Management Systems, New Course Proposal
  12. 17-06, DGT 4833, Web Search Engine Optimization, New Course Proposal
  13. 17-07, DGT 4913, Emerging Technologies for Gaming, Animation, and Simulation, New Course Proposal
  14. 17-08, DGT 4923, Emerging Web Technologies, New Course Proposal
  15. 17-09, DGT 4933, Motion Capture for Gaming, Animation, and Simulation, New Course Proposal
  16. 17-32, IGP #46, Proposed Changes
  17. 17-38, MS in Cybersecurity, Program Revision
  18. 17-31, FCS 4750, Advanced Human Nutrition, Revised Course Proposal
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## **Council on Graduate Studies**

### **Minutes**

*April 4, 2017*

The April 4, 2017 meeting of the Council on Graduate Studies was held at 2:00 p.m. in 3108 Blair Hall.

**Members Present:** Dr. Chris Laingen, Dr. Nora Pat Small, Dr. Missy Jones, Dr. David Boggs (arriving at 2:05), Dr. Peter Liu, Dr. Suzie Park, Dr. Kiran Padmaraju

**Members Absent:** Dr. Mukti Upadhyay, Dr. Ed Wehrle, Ms. Kaitlynn Kessinger

**Staff Present:** Ms. Lori Henderson, Ms. Janet Fopay

**Guests:** Dr. Marshall Lassak, Dr. Andrew Mertz, Dr. Mark Kattenbraker, Dr. Rigoberto Chinchilla, Dr. Melody Wollan, Dr. Jeanette Andrade

### **I. Approval of the March 7, 2017 CGS Meeting Minutes.**

Nora Pat Small motioned, Kiran Padmaraju seconded, minutes approved by acclamation.

### **II. Communications:**

#### **College Curriculum Committee Minutes:**

1. <http://www.eiu.edu/~lumpkin/Curriculum/lcbascurrmin20170310.pdf>
2. [http://www.eiu.edu/AHColleg/cahcc\\_minutes/ay17\\_cahcc\\_minutes/CAHCC%20Minutes%20Feb%202%202017.docx](http://www.eiu.edu/AHColleg/cahcc_minutes/ay17_cahcc_minutes/CAHCC%20Minutes%20Feb%202%202017.docx)
3. <http://www.eiu.edu/~lumpkin/Curriculum/lcbascurrmin20170324.pdf>

### **Approved Executive Actions**

1. EA-COS-17-19, Memo from Dean Klarup requesting prerequisite change from BIO 3800 to BIO 3180
2. EA-COS-17-20, Memo from Dean Klarup requesting language clarification to catalog copy for Public Planning certificate
3. EA-COS-17-21, Memo from Dean Klarup requesting removal of GEO 4892
4. EA-LCBAS-17-22, Memo from Dean Izadi requesting mode of delivery change to CTE 4913 and CTE 4923

5. EA-CEPS-17-23, Memo from Dean Jackman requesting the degree name for the Specialist in Educational Administration change to Educational Leadership

### III. Items Added to the Agenda:

1. 17-29, BIO 4833, Neurobiology of Diseases, New Course Proposal
2. 17-30, BIO 4835, Advanced Neurobiology, New Course Proposal
3. 17-33, MUS 4760, Seminar and Practicum in Music Instruction, New Course Proposal
4. 17-34, MBA 5000A, Strategic Management, New Course Proposal
5. 17-35, MBA 5640A, Financial Management, New Course Proposal
6. 17-36, MBA 5880A, Seminar in Business Administration, New Course Proposal
7. 17-37, OPD 4765, Grant Writing for Organizations, New Course Proposal

### IV. Items Acted Upon: Chair Laingen requested some changes to policy by acting on 17-38 and 17-31 at today's meeting while presenters were there, and voting on 17-01 through 17-09, request approved by acclamation.

1. 17-21, Dual Degree MBA and Cybersecurity, New Program Proposal  
Drs. Melody Wollan and Rigoberto Chinchilla presented and council approved unanimously
2. 17-38, MS in Cybersecurity, Program Revision  
Dr. Rigoberto Chinchilla presented the request to offer Cybersecurity in face-to-face delivery. Council approved unanimously.
3. 17-22, CSM 4985, Artificial Intelligence and Machine Learning, New Course Proposal  
Dr. Andrew Mertz presented and Council approved unanimously  
CSM 4985. Artificial Intelligence and Machine Learning. (3-0-3) Survey of methods and applications of artificial intelligence (AI) and machine learning. Topics could include: knowledge representation, neural networks, genetic algorithms, unsupervised learning, and ethical issues related to the use of AI. Prerequisites: A grade of "C" or better in MAT 2345 or MAT 2800, and "C" or better in CSM 2670, and "C" or better in MAT 3701
4. 17-23, CSM 4980, Networking and Distributed Computing, New Course Proposal  
Dr. Andrew Mertz presented and Council approved unanimously  
CSM 4980. Networking and Distributed Computing. (3-0-3) An overview of the concepts and algorithms in networking and distributed computing. Topics include protocol stacks, link, network, transport, and application layers, network management, network architecture, network abstractions, distributed algorithms, distributed environments, the client-server model, the peer-to-peer model, and remote procedure calls. There will be case studies and analysis of existing systems. Prerequisite: A grade of "C" or better in CSM 3980
5. 17-24, FCS 5460, Current Issues and Trends in Family & Consumer Sciences, Revised Course Proposal  
Dr. Jeanette Andrade presented and council approved unanimously  
(3-0-3) Theory-based examination of the emerging concerns and current issues and trends within the integrative discipline of family and consumer sciences. Prerequisites: None
6. 17-31, FCS 4750, Advanced Human Nutrition, Revised Course Proposal

- Dr. Jeanette Andrade presented and council approved unanimously  
(3-0-3) Emphasis on biochemical functions of nutrients in the study of human nutrition.  
Prerequisites: FCS 3755 or permission of the instructor
7. 17-25, KSS 5210, Administration of Intercollegiate Athletics, Revised Course Proposal  
Dr. Mark Kattenbraker presented and council approved unanimously  
(3-0-3) Examination and analysis of essential management principles  
required for effective administration of intercollegiate athletics programs.  
Prerequisite: None
8. 17-26, Kinesiology and Sports Studies, Program Revision Proposal  
Dr. Mark Kattenbraker presented and council approved unanimously
9. 17-32, IGP #46, Proposed Changes  
Registrar Amy Lynch presented and council approved unanimously
10. 17-01 through 17-09 were presented as a group by Dr. Peter Liu and council approved  
unanimously
- 17-01 DGT 4763. Costing and Planning for Media Projects. (3-0-3) A study of  
planning and costing for media projects. This course will focus on the study  
of estimating, costing, and planning for the capture and production of  
products specific to web, digital printing, video, gaming, animation,  
simulation, and photography. Course restricted to Digital Media majors and  
students in the MS in Technology. Prerequisites: A grade of "C" or better in  
MAT 2120G and AET 1363.
- 17-02 DGT 4773. Graphics for Gaming, Animation, and Simulation. (1-4-3) A  
study of the graphics file types used in gaming, animation, and simulation  
modeling. Emphasis will be on creation, manipulation, and conversion of  
graphics files for gaming, animation, and simulation for desktop and mobile  
devices. Prerequisite: A grade of "C" or better in CIT 3303
- 17-03 DGT 4783. Mobile Gaming, Animation, and Simulation. (1-4-3) Mobile  
Gaming. A study of techniques and tools used in mobile gaming, animation,  
and simulation modeling. Emphasis will be on creation, manipulation, and  
publishing of mobile applications for gaming, animation, and simulation  
specific to mobile devices. Prerequisite: A grade of "C" or better in CIT 3303  
or permission of instructor.
- 17-04 DGT 4793. Programming for Gaming, Animation, and Simulation. (1-4-3)  
A study of the programming languages used in gaming, animation, and  
simulation modeling. Emphasis will be on application of programming  
languages for gaming, animation, and simulation for desktop and mobile  
devices. Prerequisite: A grade of "C" or better in CIT 3303.
- 17-05 DGT 4823. Web Content Management Systems. (2-2-3) A study of  
current web content management systems. Emphasis will be on creation and  
implementation of website tools for updating websites for educational,  
organizational, and/or personal purposes. Prerequisite: A grade of "C" or  
better in CIT 4813 or permission of instructor

- 17-06 DGT 4833. Web Search Engine Optimization. (2-2-3) A study of web search engine optimization tools and techniques. Prerequisite: A grade of "C" or better in CIT 4813 or permission of instructor.
- 17-07 DGT 4913. Emerging Technologies for Gaming, Animation, and Simulation. (1-4-3) A study of emerging techniques and technologies used in gaming, animation, and simulation projects. Prerequisite: A grade of "C" or better in CIT 3303
- 17-08 DGT 4923. Emerging Web Technologies. (2-2-3) A study of emerging web development tools and techniques. Emphasis will be on integration of emerging web technologies into an educational, organizational, and/or personal website. Prerequisite: A grade of "C" or better in CIT 4813 or permission of instructor.
- 17-09 DGT 4933. Motion Capture for Gaming, Animation, and Simulation. (1-4-3) A study of techniques used to capture motion and integrate it into gaming, animation, and simulation projects. Prerequisite: A grade of "C" or better in CIT 3303.

**V. Items Pending:**

**VI. Other Items:**

**VII. Committee Reports:**

**Library Advisory-** Dr. Small- research awards determined, ug and grad honored. Edible book display coming up

**ATAC-** Dr. Boggs- no mtg

**GSAC-** Lori Henderson- 25<sup>th</sup> anniversary reception April 12 at 4:30pm in the UBR, speaker from NAGPS presented at meeting, election for president to be held

**CASL-** Dr. Mulvey- no report

**EMAC-** Dr. Upadhyay- absent, Dean H reported on Thorburn Group on campus

**Honorary Degree-** Dr. Liu- no news

**VIII. Dean's Report:**

1. Record submissions for Williams and Research Grants
2. Presenting at MAGS
3. Grad Expo April 13, displayed research 3:30 , ceremony 4:30

Meeting adjourned at 3:00 pm. Next meeting- April 18, 2017

*-Final CGS Minutes recorded by Lori Henderson*

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The current agenda and all CGS minutes are available on the Web at <http://castle.eiu.edu/eiucgs>