

**MINUTES**  
**GRADUATE CURRICULUM COMMITTEE**  
**MARCH 26, 2020**  
**Via Zoom 2:15 PM**

**Present:** Madlyn Frisard (Chair); Nicole Akers (University Registrar non-voting); Gary Costello (University Registrar non-voting); Sheryl Coutermarsh-Ott (Veterinary Medicine); Rachel Diana (Science); William Huckle (Graduate School); Alexander Leonessa (Engineering); Thomas Skuzinski (Architecture); John Tedesco (Liberal Arts & Human Sciences)

**Absent with Notification:** Linda Wallace (Business)

**Visitors:** Gary Kinder (BC); Hannah Scherer (ALCE)

The meeting was called to order at **2:15 PM** by, Madlyn Frisard, Chair.

A motion to adopt the agenda was made, seconded, and approved.

A motion was made and seconded to modify the voting process to only ask for opposed votes and abstentions. The motion to modify the voting process to only ask for opposed votes and abstentions passed unanimously.

**ANNOUNCEMENT OF APPROVAL AND POSTING OF MINUTES**

Announcement of approval of minutes: February 27, 2020– Minutes voted on electronically

**NEW BUSINESS**

**College of Agriculture & Life Sciences**

**Course:** ALCE 5704 Systems Thinking Pedagogy and Praxis (New) Fall 2020 (CM-5868)

Motion was made and seconded to **APPROVE** ALCE 5704 Systems Thinking Pedagogy and Praxis (New) Fall 2020 (CM-5868) **with minor modifications:**

- ADP title: Consider “Sys Thinking Pedagogy Praxis”
- Learning Objectives
  - Objective 2: Edit to read, “Evaluate systems approaches for their utility and educational contexts”
  - Objective 3: Consider editing into two objectives or change “thinking and revealing” to “thinking as well as revealing” or “perspectives/assumptions” and “education/community contexts”
- Justification
  - Level justification: Edit to read “Course is taught at the 5000-level because students need to work independently to synthesize existing literature and apply findings...”

**Motion passed unanimously.**

## College of Architecture & Urban Studies

**Course:** BC 5374 Advanced Lifecycle BIM for Facility Management (New) Fall 2020 (CM-5631)

Motion was made and seconded to **APPROVE** BC 5374 Advanced Lifecycle BIM for Facility Management (New) Fall 2020 (CM-5631) **with recommended modifications:**

- Add coversheet with signatures
- Catalog Description: Shorten to reflect succinct nature.  
“BIM (Building Information Modeling) concepts and tools for identifying, capturing, analyzing, and delivering facility life cycle data. Data-centric and model-centric workflows for data handover. BIM models for a system-oriented model review and case study utilization. Advanced tools and programming language to search the BIM model. Workflow process. Apply case studies to assess MEP (Mechanical, Electrical, Plumbing) systems from a facility manager perspective. Pre: Graduate Standing. (3H, 3C)”
- Learning Objectives
  - Objective 1: Consider “Assess” or “Evaluate”
  - Objective 2: “Analyze case studies to assess mechanical....”
  - Objective 3: Consider verb other than “Appraise”
  - Objective 4: Consider “Appraise”
  - Objective 5: Consider “Appraise”
  - Objective 7: Edit to read “Apply advanced”
- Justification: Edit to begin “This course is taught at the 5000-level because it builds upon undergraduate learning and previous modeling knowledge and industry experience.”

**Motion passed unanimously.**

### Revised Certificate

**Certificate:** Graduate Certificate: Homeland Security (HSC) (Revised/Change in Credit Hours) effective for students graduating in calendar year 2021 (CM-5677)

Motion was made and seconded to **APPROVE** Graduate Certificate: Homeland Security (HSC) (Revised/Change in Credit Hours) effective for students graduating in calendar year 2021 (CM-5677) **with a modification:**

- Table of revisions: PAPA 6264: Include statement “or when the topic is focused on homeland security.”

**Motion passed unanimously.**

## College of Engineering

**Course:** AOE 5664 Upper Atmosphere and Ionosphere (New) Spring 2021 (CM-5605)

Motion was made and seconded to **APPROVE** AOE 5664 Upper Atmosphere and Ionosphere (New) Spring 2021 (CM-5605) **with a minor modification:**

- Justification:
  - Paragraph 2: Edit first sentence to read, "...because understanding and analysis of..."

**Motion passed unanimously.**

**Course:** ENGE 5304 Graduate Student Success in Multicultural Environments (New) Fall 2020 (CM-5645)

Motion was made and seconded to **APPROVE** ENGE 5304 Graduate Student Success in Multicultural Environments (New) Fall 2020 (CM-5645) **pending required clarification and modifications:**

- Catalog Description
  - Sentence 1: Separate into three sentences, "Socialization to the graduate student environment. Strategies for entering and maintaining an effective mentee-mentor relationship."
  - Sentence 2: The phrase "receiving and responding to critical feedback" is not in the Learning Objectives and Topic Syllabus. Remove this phrase or improve alignment with Objectives and Syllabus.
- Learning Objectives: Clarify objectives 1, 2, & 4 regarding whether students will be assessed on the "establishment and maintenance of professional relationships" or "identification and appraisal of different strategies to establish professional relationships"
  - Objective 4: Consider using a different verb than "Advance"
  - Objective 6 is not in the Catalog Description and Topic Syllabus. Remove this objective or improve alignment with Catalog and Syllabus.
- Justification
  - First paragraph: Consider removing "advisee-advisor" and "supervisee-supervisor"
  - Second paragraph: Edit "student" to "students"

**Motion passed unanimously.**

**Course:** MINE 5244 Geophysical Investigation in Geoenergy Engineering (New) Fall 2020 (CM-3791)

Motion was made and seconded to **APPROVE** MINE 5244 Geophysical

Investigation in Geoenergy Engineering (New) Fall 2020 (CM-3791) **with recommended modifications:**

- Catalog Description: Divide concepts by changing semicolons to periods.
- Learning Objectives: Consider generalizing objectives, such as:
  - Objective 1: “Apply basic principles on the acquisition and analysis of geophysical investigations data to mining contexts.”
  - Objective 2: “Apply the knowledge of specific geophysical technologies to engineering applications and sensing contexts.”
  - Objective 3: “Design a geophysical monitoring program that is well-suited to project objectives and to geologic and site conditions.”
  - Objective 6: “Communicate knowledgably and effectively on the impacts of geophysical data acquisitions activities and energy resource development.”

**Motion passed unanimously.**

**ADJOURNMENT**

A motion was made and seconded to adjourn the meeting at **4:00 PM**.

Respectfully Submitted,  
Nicole Akers  
*Office of the University Registrar*