

**MINUTES**  
**GRADUATE CURRICULUM COMMITTEE**  
**SEPTEMBER 9, 2021**  
**238 GRADUATE LIFE CENTER, 2:15 PM**

**CALL TO ORDER**

The meeting was called to order at **2:15 PM** by Coy Allen, Chair. Those in attendance and constituting a quorum were:

**Present:** Coy Allen (Chair); Catherine Amelink (Enrollment Services); Bill Becker (Business); Martin Chapman (Science); Kai Chew (Graduate & Professional Student Senate); Nisha Duggal (Veterinary Medicine); Aleksandra Markovic Graff (Architecture & Urban Studies); Aarnes Gudmestad (Liberal Arts & Human Sciences); William Huckle (Graduate School); Jennifer Jones (Agriculture & Life Sciences); Renee LeClair (VTC School of Medicine); Stephen Martin (Engineering)

**Absent:** Jason Holliday (Natural Resources & Environment)

**Visitors:** Ansar Ahmed (Veterinary Medicine); Nicole Akers (Engineering); Nancy Bradley (School of Education); Gary Costello (University Registrar); Kim Daniloski (University Planning Self-Study); Breanna Ellington (School of Education); Allison Jones (Engineering); Corina Sandu (Engineering); Becki Smith (University Registrar); Rich Walker (Science)

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

Announcement of approval of minutes: April 22, 2021 were approved electronically.

**OLD BUSINESS**

**College of Engineering**

**Course:** BMES 5604 Cancer Detection and Therapeutics (New) Spring 2022 (previously tabled on 10/10/19) (CM-5234)

Motion was made and seconded to **APPROVE** BMES 5604 Cancer Detection and Therapeutics (New) Spring 2022 (previously tabled on 10/10/19) (CM-5234) **with no modifications.**

**Motion passed unanimously.**

**Course:** BMES 5234 Advanced Vehicle Safety Systems (New) Spring 2022 (previously tabled on 9/24/20) (CM-5753)

Motion was made and seconded to **APPROVE** BMES 5234 Advanced Vehicle Safety Systems (New) Spring 2022 (previously tabled on 9/24/20) (CM-5753) **with no modifications.**

**Motion passed unanimously.**

## NEW BUSINESS

### College of Agriculture & Life Sciences

**Course:** ALS 5234 Advanced Concepts in Community Food Systems (New) Spring 2022 (CM-6878)

Motion was made and seconded to **APPROVE** ALS 5234 Advanced Concepts in Community Food Systems (New) Spring 2022 (CM-6878) **with no modifications.**

*With approval of ALS 5234 Advanced Concepts in Community Food Systems, **discontinue** ALS 5234G Advanced Concepts in Community Food Systems effective Spring 2022.*

**Motion passed unanimously.**

**Course:** APSC 5524 Advanced Muscle Biology (New) Spring 2022 (CM-6879)

Motion was made and seconded to **APPROVE** APSC 5524 Advanced Muscle Biology (New) Spring 2022 (CM-6879) **with modifications:**

- Catalog Description:
  - To improve alignment, consider adding key words from the Topic Syllabus.
  - Edit to read "...disease and repair. Pre: ALS 5304. (3H, 3C)"

**Motion passed unanimously.**

### College of Engineering

**Course:** ISE 5405-5406 Optimization: Linear and Nonlinear Programming (Revised) Spring 2022 (CM-6815)

Motion was made and seconded to **APPROVE** ISE 5405-5406 Optimization: Linear and Nonlinear Programming (Revised) Spring 2022 (CM-6815) **with no modifications.**

**Motion passed unanimously.**

**Course:** ISE 5454 Production Planning and Control (Revised) Spring 2022 (CM-6816)

Motion was made and seconded to **APPROVE** ISE 5454 Production Planning and Control (Revised) Spring 2022 (CM-6816) **with modifications:**

- Justification:
  - In support for revision changes made to the Topic Syllabus, consider expanding description of revision changes outlined in second paragraph of Justification.

**Motion passed unanimously.**

**Course:** ISE 6514 Advanced Mathematical Programming (Revised) Spring 2022 (CM-6877)

Motion was made and seconded to **APPROVE** ISE 6514 Advanced Mathematical Programming (Revised) Spring 2022 (CM-6877) **with modifications:**

- Justification:
  - Consider adding statement in revision summary regarding change in title of course.

**Motion passed unanimously.**

**Course:** NSEG 6124 Particle Transport Theory, Methods and Applications (Revised) Spring 2022 (CM-6828)

Motion was made and seconded to **APPROVE** NSEG 6124 Particle Transport Theory, Methods and Applications (Revised) Spring 2022 (CM-6828) **with modifications:**

- Texts and Special Teaching Aids:
  - Alphabetize “Recommended textbooks” citations.

**Motion passed unanimously.**

**Course:** BMES 5074 Biomedical Research Design (New) Spring 2022 (CM-6892)

Motion was made and seconded to **APPROVE** BMES 5074 Biomedical Research Design (New) Spring 2022 (CM-6892) **with modifications:**

- Justification:
  - Consider removing last sentence in second paragraph beginning with “Graduate students are more capable of...”

**Motion passed unanimously.**

**Course:** CEE 5174 Applied Analytics for Environmental Science and Civil Engineering (New) Spring 2022 (CM-6893)

Motion was made and seconded to **APPROVE** CEE 5174 Applied Analytics for Environmental Science and Civil Engineering (New) Spring 2022 (CM-6893) **with modifications:**

- Justification:
  - In third paragraph, consider adding a statement noting what skills students would be expected to have to ensure success in this course.
- Texts and Special Teaching Aids:
  - Clarify how the list of recommended textbooks will be provided to students.

**Motion passed unanimously.**

**Degree:** Master of Engineering in Nuclear Engineering (Add Online Modality), effective for student date of entry under GR catalog 2021-2022 (CM-6919)

Motion was made and seconded to **APPROVE** Master of Engineering in Nuclear Engineering (Add Online Modality), effective for student date of entry under GR catalog 2021-2022 (CM-6919) **with no modifications.**

**Motion passed unanimously.**

**Degree:** Master of Engineering in Materials Science & Engineering (Add Online Modality), effective for student date of entry under GR catalog 2021-2022 (CM-6928)

Motion was made and seconded to **APPROVE** Master of Engineering in Materials Science & Engineering (Add Online Modality), effective for student date of entry under GR catalog 2021-2022 (CM-6928) **with modifications:**

- Documentation:
  - Under section entitled “Delivery Format,” edit sixth sentence in first paragraph to read “All faculty teaching in the online program will work with TLOS to meet the criteria.”

**Motion passed unanimously.**

**Degree:** Master of Engineering in Mechanical Engineering (Add Online Modality), effective for student date of entry under GR catalog 2021-2022 (CM-6929)

Motion was made and seconded to **APPROVE** Master of Engineering in Mechanical Engineering (Add Online Modality), effective for student date of entry under GR catalog 2021-2022 (CM-6929) **with no modifications.**

**Motion passed unanimously.**

### **College of Liberal Arts & Human Sciences**

**Course:** EDCO 5514 Counseling Evidence-Based Practices and Research (New) Summer 2022 (CM-6883)

Motion was made and seconded to **APPROVE** EDCO 5514 Counseling Evidence-Based Practices and Research (New) Summer 2022 (CM-6883) **with modifications:**

- Justification:
  - In first paragraph, include statement noting if completing this course will satisfy credential requirement.
- Topic Syllabus:
  - Consider adding “decision-making” for better alignment with the Catalog Description and Learning Objectives.

**Motion passed unanimously.**

### **College of Science**

**Course:** BIOL 5814 Scientific Analysis Skills in Molecular and Cellular Biology (New) Spring 2022 (CM-6835)

Motion was made and seconded to **APPROVE** BIOL 5814 Scientific Analysis Skills in Molecular and Cellular Biology (New) Spring 2022 (CM-6835) **with no modifications.**

**Motion passed unanimously.**

**Course:** ECON 6114 Advanced Topics in Labor and Health Economics (New) Spring 2022 (CM-6837)

Motion was made and seconded to **APPROVE** ECON 6114 Advanced Topics in Labor and Health Economics (New) Spring 2022 (CM-6837) **with modifications:**

- Catalog Description:
  - Edit to read "...used by economists. Pre: 5126. (3H, 3C)"
  - To improve alignment, consider adding key words from Learning Objectives and Topics Syllabus.
- Topics Syllabus:
  - To improve alignment, consider adding key words from Catalog Description and Learning Objectives.

**Motion passed unanimously.**

**FOR INFORMATION ONLY**

**College of Architecture & Urban Studies**

**Certificate:** Previously approved on 9/10/20 as Graduate Certificate: Disaster Resilience and Risk Management (DRRC). Title has been updated to Graduate Certificate: Disaster Resilience (DRGC) (New) Spring 2022 (CM-4671).

A motion was made and seconded to adjourn the meeting at **3:08 PM.**

Respectfully Submitted,  
Becki Smith  
*Office of the University Registrar*