

MINUTES
GRADUATE CURRICULUM COMMITTEE
NOVEMBER 12, 2020
VIA ZOOM, 2:15 PM

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

Present and constituting a quorum: Marcia Feuerstein (Chair); Catherine Amelink (Enrollment Services); Rachel Diana (Science); Nisha Duggal (Veterinary Medicine); Aleksandra Markovic Graff (Architecture & Urban Studies); Aarnes Gudmestad (Liberal Arts & Human Sciences); Jason Holliday (Natural Resources & Environment); William Huckle (Graduate School); Jennifer Jones (Agriculture & Life Sciences); Renee LeClair (School of Medicine); Alex Leonessa (Engineering); Sharon Stidham (Graduate Student Assembly); Ryan Zimmerman (Business).

Visitors: Nicole Akers (OUR); Nancy Bodenhorn (SOE); Alasdair Cohen (PHS); Gary Costello (OUR); Donna Faltin (AAEC); Erica Feuerbacher (APSC); Jennie Hodgson (VM); Matt Holt (AAEC); Shamar Stewart (AAEC);

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.

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

An announcement from the Office of the University Registrar regarding updates to the Texts and Special Teaching Aids was provided.

New Business:

College of Agriculture & Life Sciences

Course: AAEC 5484 (STAT 5484) Applied Economic Forecasting (New) Spring 2021 (CM-6265)

Motion was made and seconded to **APPROVE** AAEC 5484 (STAT 5484) Applied Economic Forecasting (New) Spring 2021 (CM-6265 **with minor modifications**:

- Learning Objectives
 - Objective 1: Change “by” to “for”
 - Objective 5: End the objective at “models”
- Justification: Add statement to the first paragraph regarding how this material is not offered in other courses at VT.
- Topic Syllabus
 - Topic 1: Edit to “Introduction to Time Series Analysis” or “Overview of Time Series Analysis”

Motion passed unanimously.

Course: APSC 5184 Research Methods for Animal Behaviorists (New) Spring 2021 (CM-6268)

Motion was made and seconded to **APPROVE** APSC 5184 Research Methods for Animal Behaviorists (New) Spring 2021 (CM-6268) **with minor modifications:**

- Learning Objectives:
 - Include “animal behavior” in objectives
 - Include “research design” and “inductive and deductive research” from Topic Syllabus into objectives
- Topic Syllabus
 - Improve overall alignment of Topic Syllabus
 - Include “animal behavior” in Topic Syllabus
- Justification: Define acronym “OMALS” in the first paragraph

Motion passed unanimously.

Course: APSC 5234 Applications of Applied Animal Behavior (New) Summer 2021 (CM-6269)

Motion was made and seconded to **APPROVE** APSC 5234 Applications of Applied Animal Behavior (New) Summer 2021 (CM-6269) **with minor modifications:**

- Coversheet: Edit ADP Title to read “Applic of Applied Animal Behav”
- Learning Objectives:
 - Include “animal behavior” in objectives
 - Include “research design” and “inductive and deductive research” from Topic Syllabus into objectives
- Topic Syllabus
 - Improve overall alignment of Topic Syllabus
 - Include “animal behavior” in Topic Syllabus
- Justification: Define acronym “OMALS” in the first paragraph

Motion passed unanimously.

Course: DASC 6274 Critical Thinking in Bovine Physiology and Metabolism (New) Spring 2021 (CM-6317)

Motion was made and seconded to **APPROVE** DASC 6274 Critical Thinking in Bovine Physiology and Metabolism (New) Spring 2021 (CM-6317) **with minor modifications:**

- Learning Objectives
 - Objective 1: Change “Theorize” to “Devise” or “Develop”
 - Objectives 2 & 4: Improve alignment with the goals of the course
- Justification/Second paragraph:
 - End the paragraph at “academic knowledge”
 - Include examples of knowledge and skills required at the undergraduate level

Motion passed unanimously.

College of Architecture & Urban Studies

Revised Certificate

Certificate: Graduate Certificate: Local Government Management (LGMC) (Revised) Effective for student date of entry under GR Catalog 2020-2021 (CM-6031)

Motion was made and seconded to **APPROVE** Graduate Certificate: Local Government Management (Revised) Effective for student date of entry under GR Catalog 2020-2021 (CM-6031) **with minor modifications:**

- Please work with primary and secondary reviewers on edits.
 - Clarify the paragraph beginning “The second change adds UAP...” to clarify the reasoning of adding the UAP 5184 course, as well as the impact on current students when PAPA 5014 is removed.

Motion passed unanimously.

College of Engineering

Course: AOE 5784 Model-Based Estimation and Kalman Filtering (New) Spring 2021 (CM-6042)

Motion was made and seconded to **APPROVE** AOE 5784 Model-Based Estimation and Kalman Filtering (New) Spring 2021 (CM-6042) **with minor modifications:**

- Remove acronyms throughout the proposal

Motion passed unanimously.

Course: CEE 5390 Advanced Urban Water Sustainability (New) Spring 2021 (CM-6207)

Motion was made and seconded to **APPROVE** CEE 5390 Advanced Urban Water Sustainability (New) Spring 2021 (CM-6207) **with minor modifications:**

- Catalog Description: Include the “historical” perspective from Topic Syllabus to improve alignment
- Learning Objectives: Use higher order verbs
- Topic Syllabus: Incorporate “fresh water” to improve alignment

Motion passed unanimously.

Course: ECE 5494 Innovation Pathways in Artificial Intelligence and Machine Learning (New) Spring 2021 (CM-6134)

Motion was made and seconded to **APPROVE** ECE 5494 Innovation Pathways in Artificial Intelligence and Machine Learning (New) Spring 2021 (CM-6134) **with minor modifications:**

- Learning Objective 8: Expand to include “of machine learning” or “artificial intelligence”

Motion passed unanimously.

Course: ECE 5805-5806 Graduate Design Project and Report (New) Spring 2021 (CM-6043)

Motion was made and seconded to **APPROVE** ECE 5805-5806 Graduate Design Project and Report (New) Spring 2021 (CM-6043) **with no modifications.**

Motion passed unanimously.

Course: ISE 5624 Human Factors Research Design (New) Spring 2021 (CM-6138)

Motion was made and seconded to **APPROVE** ISE 5624 Human Factors Research Design (New) Spring 2021 (CM-6138) **with minor modifications:**

- Topic Syllabus: Incorporate “data presentation and interpretation” from the Catalog Description

Motion passed unanimously.

*With approval of ISE 5624 Human Factors Research Design, **discontinue** ISE 5615-5616 Human Factors Research Design*

College of Liberal Arts & Human Sciences

Course: EDCO 6484 Leadership and Advocacy Issues in Counselor Education (Revised) Spring 2021 (CM-6124)

Motion was made and seconded to **APPROVE** EDCO 6484 Leadership and Advocacy Issues in Counselor Education (Revised) Spring 2021 (CM-6124) **with minor modifications:**

- Justification: Edit “expectation” to “expectations” in the second paragraph
- Topic Syllabus
 - Expand to improve alignment
 - Topic 1: Edit to “Leadership and advocacy theory”

Motion passed unanimously.

Course: HD 5104 Adult Development and Aging (Revised) Spring 2021 (CM-6123)

Motion was made and seconded to **APPROVE** HD 5104 Adult Development and Aging (Revised) Spring 2021 (CM-6123) **with minor modifications:**

- Justification/Paragraph 3: Consider writing in complete sentences.

Motion passed unanimously.

College of Science

Course: CHEM 5134 Introduction to Single-Crystal X-ray Diffraction (New) Spring 2021 (CM-6310)

Motion was made and seconded to **APPROVE** CHEM 5134 Introduction to Single-Crystal X-ray Diffraction (New) Spring 2021 (CM-6310) **with no modifications.**

Motion passed unanimously.

College of Veterinary Medicine

Course: PHS 5704 (CEE 5704) Drinking Water & Health (New) Spring 2021 (CM-6323)

Motion was made and seconded to **APPROVE** PHS 5704 (CEE 5704) Drinking Water & Health (New) Spring 2021 (CM-6323) **with minor modifications:**

- Catalog Description: Combine first two phrases to read “Drinking water contamination and associated health outcomes.”
- Justification
 - Paragraph 1: Expand why this course is needed at VT
 - Paragraph 2: Move the sentence beginning “This course complements and contributes to courses offered in the...Environmental Conservation” to the first paragraph
 - Paragraph 2: Include information regarding the skills and knowledge that would prepare students for this course.

Motion passed unanimously.

Course: VM 8020 Equine Diagnostic Techniques for Digestive, Nervous & Integumentary System (New) Spring 2021 (CM-6328)

Motion was made and seconded to **APPROVE** VM 8020 Equine Diagnostic Techniques for Digestive, Nervous & Integumentary System (New) Spring 2021 (CM-6328) **with minor modifications:**

- Justification: Include statement regarding the reasoning for teaching the systems together.

Motion passed unanimously.

Course: VM 8214 Small Animal Medicine (Revised) Spring 2021 (CM-6321)

Motion was made and seconded to **APPROVE** VM 8214 Small Animal Medicine (Revised) Spring 2021 (CM-6321) **with minor modifications:**

- Learning Objective 1: Include the rest of the systems from the Topic Syllabus
- Topic Syllabus: Realign “Clinical Skills” under Pathophysiology, Diagnosis & Treatment of.
- Old (Current) Topic Syllabus: Remove the prefilled instructions beginning “N/A for new courses...”

Motion passed unanimously.

Course: VM 9224 Pocket Pet Medicine (New) Spring 2021 (CM-6322)

Motion was made and seconded to **APPROVE** VM 9224 Pocket Pet Medicine (New) Spring 2021 (CM-6322) **with minor modifications:**

- Catalog Description
 - Remove “commonly seen in veterinary practice” from the first phrase
 - Remove “Topics will cover” and begin with “Common”

Motion passed unanimously.

ADJOURNMENT

A motion was made and seconded to adjourn the meeting at **4:20 PM**.

Respectfully Submitted,
Nicole Akers
Office of the University Registrar