Graduate Council Meeting Minutes

**December 7, 2021**

**Members Present**:

Dalton, David, (Chair), Languages & Culture Studies

Brintnall, Kent, Religious Studies

Canevello, Amy – Psychological Science

Chakrabarti, Kausik – BIOL, alternate for Nicole Peterson

Cooke, Sekou – School of Architecture

Fenwick, Abbey – Kinesiology

Lachance, Joan – Middle, Secondary and K-12 Education

Lai, Gene – Finance

Morse, Ed – Mechanical Engineering and Engineering Science

Mostafavi, Taghi – (Vice Chair), Computer Science

Reynolds, Tom – Associate Provost and Graduate School Dean

Truesdale, Angel – Atkins Library

Udeubor, Mike – PhD Candidate, Civil Engr/Grad Student Rep (GPSG) (attending for Dylan Turner fall 2021)

**Also Attending**: Hall-Hertel, Katherine – Graduate School

Krause, Sandy – Graduate School

Lawton, Kevin – Mechanical Engineering

Morse, Janet – Graduate School

Names-Mattefs, Alaina – CLAS

Watson, Johnna – Graduate School

White, Brian – Graduate School

Wyse, Matt – Faculty Governance

Xu, Terry – Mechanical Engineering

**I. Report of the Chair – Dr. David Dalton**

A.Approval of the November 2, 2021 Meeting Minutes

The minutes will be voted on at the February 1, 2022 meeting.

B. Spring 2022 Schedule – Chair Dalton polled the Council on their preference of F2F

or Zoom. The Council voted to continue meeting virtually.

**II. Report of the Graduate School Dean – Dr. Tom Reynolds**

* Dean Reynolds reminded the Council that today marks the 80th anniversary of Pearl Harbor.
* The System-wide Graduate Council met recently and approved the PhD in Nursing. The next step is the request to establish which will occur in Spring 2022. If approved, this will be the 25th PhD program for Charlotte.
* Chancellor Gaber has requested a 4% increase in non-resident student tuition for graduate and undergraduate students. Even with this increase, UNC Charlotte is still a bargain in comparison to other North Carolina schools.
* Graduate registration is up by 305 students as of December 7, most of these being continuing Masters’ students. Graduate student enrollment is about 21% of the total enrollment at the University.
* The Graduate Student Commencement ceremony is Friday, December 17. Almost 4000 degrees will be awarded in December with 1,229 graduate degrees and 2,740 undergraduate degrees. 31% of degrees being awarded in December are graduate students.
* Dean Reynolds thanked the Council for their hard work this semester and wished everyone Happy Holidays.

## Course and Curriculum Proposals

## MEGR 5090 – Special Topics in Mechanical Engineering

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Kent Brintnall, Amy Canevello

## No topical outline but can be added later since it is a special topics course.

Lachance made a motion to approve as submitted with a second from Canevello.

The motion was approved by a unanimous vote.

## MEGR 5092 – Special Topics in Motorsports Engineering

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Kent Brintnall, Amy Canevello No topical outline but can be added later since it is a special topics course.

Lachance made a motion to approve as submitted with a second from Canevello.

The motion was approved by a unanimous vote.

## MEGR 5094 – Special Topics in Energy Engineering

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Kent Brintnall, Amy Canevello

## No topical outline but can be added later since it is a special topics course.

Lachance made a motion to approve as submitted with a second from Canevello.

The motion was approved by a unanimous vote.

## MEGR 5097 – Special Topics in Biomedical Engineering

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Kent Brintnall, Amy Canevello

## No topical outline but can be added later since it is a special topics course.

Lachance made a motion to approve as submitted with a second from Canevello.

The motion was approved by a unanimous vote.

## MEGR 5143 – Mechanical Vibrating Systems

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Sekou Cooke, Joan Lachance

## The following comment is a suggestion but not a requirement to be completed before the course is moved forward:

## The proposal includes vital details for the offering. The one question I have is how the course fits into the larger degree program. Is it an elective (given the reference to it being used with students having an interest in this area)? Perhaps a short sentence in the statement of need for the course would clarify.

Lachance made a motion to approve as submitted with a second from Canevello.

The motion was approved by a unanimous vote.

## MEGR 5210 – Automotive Powerplants

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Abbey Fenwick, Ed Morse

## Looks good, no discussion needed.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5211 – Road Vehicle Dynamics

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Taghi Mostfavi, Mike Uduebor

## No comments in Curriculog. Reviewed during the meeting.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5235 – Waves and Optics

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Abbey Fenwick, Ed Morse

## Looks good, no discussion needed.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5237 – Introduction to Control Systems

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Kausik Chakrabarti, Gene Lai

## Looks good, no discussion needed.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5240 – Advanced Automotive Powerplants

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Abbey Fenwick, Ed Morse

## Looks good, no discussion needed.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5242 – Applied Vehicle Aerodynamics

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Taghi Mostafavi, Mike Uduebor

## No comments in Curriculog.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5271 – Orthopedic Biomechanics

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Kausik Chakrabarti, Gene Lai

## Looks good, no discussion needed.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5272 – Mechanics of the Human Locomotor System

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Taghi Mostafavi, Mike Uduebor

## No comments in Curriculog. Reviewed during the meeting.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5273 – Regenerative Neural Engineering

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Kausik Chakrabarti, Gene Lai

## Need graduate grading scale.

## Add topics outline

## Lachance made a motion to approve pending revisions to the syllabus with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 5274 – Bioelectronic Medicine

## Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering

## Graduate Council Assignments: Kausik Chakrabarti, Gene Lai

## Add graduate grading scale

## Add topics outline

## Lachance made a motion to approve pending revisions to the syllabus with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 7136 – Automotive Materials

## Originator: Jun Xu, Mechanical Engineering

## Graduate Council Assignments: Sekou Cooke, Joan Lachance

## Looks good, no discussion needed.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## MEGR 8136 – Automotive Materials

## Originator: Jun Xu, Mechanical Engineering

## Graduate Council Assignments: Sekou Cooke, Joan Lachance

## Looks good, no discussion needed.

## Lachance made a motion to approve as submitted with a second from Canevello. The motion was approved by a unanimous vote.

## Discussion Item

1. Transfer Credit Proposal – Katherine Hall-Hertel/Sandy Krause, Graduate School

Krause asked the Council to take this proposal back to their programs/colleges for feedback. Benchmarks from peer institutions were made. Krause welcomed the opportunity to meet with faculty via Zoom or in person prior to February 2022.

**Meeting Adjourned**: Mostafavi made a motion to adjourn the meeting with a second

from Canevello. The meeting adjourned at 1:36pm.

**Next Meeting**: Tuesday, February 1, 2022, 12:30-2:00pm via Zoom

Respectfully,



Annette Parks

Graduate Council Secretary