FROM: David Dalton, Chair

RE: Agenda for the meeting of the Graduate Council

**Tuesday, December 7, 2021, 12:30-2:00pm**
Virtual Zoom Meeting –
Zoom link: [Link to access Dec. 7, 2021 Graduate Council Meeting](#)

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

A. Approval of the November 2, 2021 Meeting Minutes

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

III. **Course and Curriculum Proposals**

A. **MEGR 5090 – Special Topics in Mechanical Engineering**
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering
   Graduate Council Assignments: Kent Brintnall, Amy Canevello

B. **MEGR 5092 – Special Topics in Motorsports Engineering**
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering
   Graduate Council Assignments: Kent Brintnall, Amy Canevello
C. MEGR 5094 – Special Topics in Energy Engineering  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Kent Brintnall, Amy Canevello

D. MEGR 5097 – Special Topics in Biomedical Engineering  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Kent Brintnall, Amy Canevello

E. MEGR 5143 – Mechanical Vibrating Systems  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Sekou Cooke, Joan Lachance

F. MEGR 5210 – Automotive Powerplants  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Abbey Fenwick, Ed Morse

G. MEGR 5211 – Road Vehicle Dynamics  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Taghi Mostfavi, Mike Uduebor

H. MEGR 5235 – Waves and Optics  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Abbey Fenwick, Ed Morse

I. MEGR 5237 – Introduction to Control Systems  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Kausik Chakrabarti, Gene Lai

J. MEGR 5240 – Advanced Automotive Powerplants  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Abbey Fenwick, Ed Morse

K. MEGR 5242 – Applied Vehicle Aerodynamics  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Taghi Mostafavi, Mike Uduebor

L. MEGR 5271 – Orthopedic Biomechanics  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Kausik Chakrabarti, Gene Lai

M. MEGR 5272 – Mechanics of the Human Locomotor System  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Taghi Mostafavi, Mike Uduebor

N. MEGR 5273 – Regenerative Neural Engineering  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Kausik Chakrabarti, Gene Lai

O. MEGR 5274 – Bioelectronic Medicine  
   Originator: Kevin Lawton, Teaching Professor, Mechanical Engineering  
   Graduate Council Assignments: Kausik Chakrabarti, Gene Lai
P.  MEGR 7136 – Automotive Materials  
   Originator: Jun Xu, Mechanical Engineering  
   Graduate Council Assignments: Sekou Cooke, Joan Lachance

Q.  MEGR 8136 – Automotive Materials  
   Originator: Jun Xu, Mechanical Engineering  
   Graduate Council Assignments: Sekou Cooke, Joan Lachance

IV.  Discussion Items

   A.  New Agenda item as of 12-3-21: Transfer Credit Proposal – Sandy Krause, Graduate School

V.  Other Business

Next Meeting – Tuesday, February 1, 2022, 12:30pm Zoom