

**THE UNIVERSITY OF WISCONSIN-MILWAUKEE
College of Engineering and Applied Science**

FACULTY MEETING

Friday, December 11, 2020 10:30 A.M. Virtually by Microsoft Teams

AGENDA

I. DEAN UPDATE

II. ANNOUNCEMENTS

III. INFORMAL REPORTS – See Attachment 1

A. Opportunity for Questions regarding Informal Reports

IV. DETERMINATION OF THE PRESENCE OF A QUORUM FOR FACULTY MEETING

V. AUTOMATIC CONSENT BUSINESS

A. Minutes of November 6, 2020 meeting

B. Course Changes – See Attachment 2

C. Graduation

"The faculty recommends to the Board of Regents those students whose names are submitted by the Office of the Registrar as having completed the requirements for the degree of Bachelor of Science in their respective majors."

VI. NEW BUSINESS

VII. GENERAL DISCUSSION

VIII. ADJOURNMENT

John R. Reisel, Secretary
CEAS Faculty

JRR
Attachments

INFORMAL REPORTS

Office of Student Services – Todd Johnson

No Report

Career Services – Juli Pickering

No Report

Curriculum Committee – Prof. Church

The Curriculum Committee approved two Course Changes, and discussed an Honors in the Major proposal from IME.

Graduate Program Committee – Prof. Law

GPC had considered appeals for the PhD qualifying exam and discussed a potential alternative for qualifying PhD students.

Academic Planning Committee – Prof. Abu-Zahra

The APC moved to add a representative from Biomedical Engineering to the APC. This will be formally added to the committee charter, and brought to the CEAS Faculty in the spring semester for approval.

Faculty Senate – Prof. Reisel

In its November meeting, the Faculty Senate heard updates on student mental health resources and about the Police Community Advisory Committee. There was also another update on the 2030+ Think Tank Implementation team work, this time centered on the Revising the Undergraduate Experience Work Group. Much of this update concerned questions regarding the work being done to potentially significantly alter the nature of the GER experience for students at UWM.

ATTACHMENT 2

COURSE CHANGES (Additions made in green. Deletions Indicated in Red)

- CIV ENG 480 SOFTWARE APPLICATIONS FOR CIVIL ENGINEERING, 3 cr., U
General knowledge and techniques in using computer software in civil engineering design/ Software packages include Autodesk Civil 3D and Revit Structure.
Prereq: jr st., Civ Eng 303 (P) or Civ Eng 203 (P).
- CIV ENG 495 SENIOR DESIGN, 3 cr., U
Team design project involving application of fundamental civil engineering concepts. Discussion of specifications, contracts and implementation. Written and oral presentations. Intended for second semester seniors.
Prereq: Civ Eng 411(P), 413(P), 494 (P); and Civ Eng 335(P), 372(P), 490(P) for Civ Eng students or Civ Eng 311(P), 412(P), 521(P) for Environmental Engineering students; or cons instr.
- MATLENG 453 POLYMERIC MATERIALS, 3 cr., U/G
Structure, crystallinity of polymers, amorphous polymers and elastomers, synthesis method, polymerization, copolymerization, polymer characterization, polymer solutions, and viscoelasticity, deformation mechanics of polymers.
Prereq: jr st., MatlEng 201(P), and MatlEng 316 (P) or MechEng 301 (P).