

Members present:

Albayram, Yusuf	Computer Science
Burkholder, Tom	Chemistry and Biochemistry
Delaura, James	Technology and Engineering Education
Dharavath, Haji Naik	Computer Electronics and Graphics Technology
Dobbs-McAuliffe, Betsy	Biomolecular Sciences
Evans, Mark	Geological Sciences
Glagovich, Neil	Chemistry and Biochemistry
Marjani, Sadie	Biology, Dean's representative
Moore, Edward	Engineering, Curriculum Committee Chair
Karen Santoro	Mathematical Science
Rahman, Mohammad	Manufacturing and Construction Management
Singhal, Rahul	Physics and Engineering Physics
Wu, Shuju	Computer Electronics and Graphics Technology
Kirby, E. Daniel	Manufacturing and Construction Management (Guest)
Want, Haoyu	Manufacturing and Construction Management (Guest)

Meeting called to order by Betsy Dobbs-McAuliffe at 12:16pm, 01/26/2023.

1. Minutes of the October 6th 2022 meeting, approved unanimously.
2. Reviewed minor changes.
3. SEST agenda:

Change Course	<a href="#">ANES 525 Advanced Physical Health Assessment for Nurse Anesthetists - 3 credits</a>	Approved
Change Course	<a href="#">CE 253 Introduction to Engineering Surveying - 3 credits</a>	Approved
Change Course	<a href="#">CE 360 Traffic Engineering - 3 credits</a>	Approved
Change Course	<a href="#">ANES 525 Advanced Physical Health Assessment for Nurse Anesthetists - 3 credits</a>	Approved
Change Course	<a href="#">CE 253 Introduction to Engineering Surveying - 3 credits</a>	Approved
Change Course	<a href="#">CE 360 Traffic Engineering - 3 credits</a>	Approved
Change Course	<a href="#">CE 375 Hydraulic Engineering - 3 credits</a>	Approved
Change Course	<a href="#">CE 402 Inquiry and Research in Civil Engineering - 1 credits</a>	Approved
Change Course	<a href="#">CE 458 Introduction to GPS for Engineering - 3 credits</a>	Approved

School of Engineering, Science, and Technology (SEST)  
Curriculum Subcommittee

01/26/2023  
02/02/2023

Change Course	CE 475 Hydrology & Storm Drainage - 3 credits	Approved
Change Course	CE 477 Environmental Engineering Treatment Processes - 3 credits	Approved
Change Course	CE 490 NCEES Fundamental Civil Engineering Subjects - 2 credits	Approved
Change Course	CE 491 NCEES Advanced Civil Engineering Subjects - 1 credits	Approved
Change Course	CE 495 Topics in Civil Engineering - 3 credits	Approved
Change Course	CE 497 CE Professional Practice and Senior Project Research - 2 credits	Approved
Change Course	CM 245 Heavy/Highway Construction Systems - 3 credits	Approved as a package
Change Course	CM 265 Print Reading/Quantity Take-Off - 3 credits	
New Course	CM 550 Automation and Emerging Technologies in Construction - 3 credits	Approved
New Course	CM 580 Construction Safety Management - 3 credits	Approved
Change Program	Construction Management M.S.	Approved
Change Program Change Program	Computer Science, B.S. Computer Science, B.S. (Honors)	Approved as a package
New Program	Electronics Technology, B.S.	Approved
Change Course	ENGR 357 Mechanics of Materials - 3 credits	Approved
Change Program Change Program	Manufacturing Engineering Technology, B.S. Mechanical Engineering Technology, B.S.	Deferred to main meeting
Change Program	Software Engineering, M.S.	Approved
Change Course	MM 216 Manufacturing Processes - 3 credits	Approved with modifications. Add C- or better to Math 103 prereq. Add Math 102 (B- or better) as a math option
Change Course	MM 226 Principles of Computer Numerical Control (CNC) - 3 credits	Approved
Change Course	MM 236 Tool Design - 3 credits	Approved

Meeting adjourned at 1:34pm.

Meeting resumed 02/02/2023, 3pm.

Change Program	Manufacturing Management, B.S.	Approved
New Program	Official Certificate Program in Technology Innovation and Leadership	Approved

New Course Change Course	SCLM 510 Industrial Operations Management - 3 credits TM 510 Industrial Operations Management - 3 credits	Approved as a package
New Course	SCLM 560 Supply Chain Foundations - 3 credits	Approved
New Course  Change Course	SCLM 561 Application of Lean Six Sigma Methods - 3 credits  TM 561 Application of Lean Principles - 3 credits	Approved with modification. Both will be titled "Application of Lean Principles"
Change Program	Supply Chain & Logistics Management (M.S. Program)	Approved
New Course  Change Course	TM 412 Training Methods for Environment, Health & Safety - 3.0 credits  TM 511 Safety Training Methods	Approved as a package with modifications. TM 412 title changes to Safety Training methods TM 511 title changes to Advanced Safety Training methods. Add language that no credit is given for the link course
Change Course	TM 426 Applied Metrology - 3 credits	Approved
New Course	TM 436 Advanced Applied Metrology - 3.0 credits	Approved with modifications Add C- or better to the TM 436 prerequisite
Change Course	TM 464 Six Sigma Quality - 3 credits	Approved with modifications. Add C- or better for the Stat prerequisite options.
Change Program	Technology Management, B.S.	Approved
Change Program	Technology Management M.S.	Approved
Change Course	CM 475 Construction Business Principles	Approved

Meeting adjourned at 3:35pm.

Respectfully Submitted,  
Betsy Dobbs-McAuliffe (Biomolecular Sciences)