From:	Kowalsky, Lisa
To:	Reed, Katie
Cc:	Miriti, Maria; Matyas, Cory
Subject:	Forwarding Informational Item: Master of Systems Engineering
Date:	Wednesday, October 14, 2026 1:47:02 PM
Attachments:	Final Info Item - Master of Systems Eng Updates.pdf image001.png

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Dear Katie,

Please find attached an Informational Item from the College of Engineering for updates to the Master of Systems Engineering.
Please let me know if any questions or concerns arise.

Best,
Lisa



Lisa Clouser (Kowalsky)

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Pronouns: she/her/hers

THE OHIO STATE UNIVERSITY

COLLEGE OF ENGINEERING

INFORMATIONAL ITEM

Master of Systems Engineering Curriculum Update

TO	Randy Smith, Vice Provost for Academic Programs
FROM	Cory Matyas, Assistant Dean for Curriculum & Assessment
DATE	October 13, 2026
ACTION TYPE	Informational Item - College Record of Support

ITEM OVERVIEW

The online Master of Systems Engineering curriculum is being updated to reflect newly available online course offerings. The update adds ISE 6802.02 and ISE 6300.02 to the curriculum while preserving appropriate transition options for current students.

COLLEGE REVIEW AND ACTION

The Engineering College Committee on Academic Affairs met on October 13, 2026 and reviewed this as an informational item. There were no questions or concerns and a College-level record of support for this proposal was created.

TO: Shannon Morrison, Chair of CoE CCAA

FROM: Sandy Furterer, Master of Systems Engineering Faculty Director

DATE: 9/28/2026

SUBJECT: Master of Systems Engineering Program Change

Dear Shannon,

We would like to make the following changes to our online professional Master of Systems Engineering Program:

Add a new course: ISE 6802.02 Project & Systems Engineering Management as a required course, and still allow ISE 6801 Project Management for Engineers for the students that took it prior to SP27.

Add the online ISE 6300.02 Simulation for System Analytics and Decision-Making, and still allow ISE 6300.

Following is the updated Master of Systems Engineering curriculum.

COURSE #	TITLE	CREDITS
Required core courses for degree (18 credits)		
ISE 5840.02	Systems Engineering Lifecycle Foundations*	3
ISE 5842.02	Model-Based Systems Engineering*	3
ISE 5844.02	Systems Requirements Engineering*	3
ISE 6300.02 or 6300	**Simulation for System Analytics and Decision-Making***	3
ISE 6802.02 or ISE 6801	**Project Management for Engineers or Project & Systems Engineering Management**	3
ISE 6804.02	Capstone Project in Systems Engineering*	3
Elective courses for degree (*12* credits must be selected in this category)		
ISE 5110	Design of Engineering Experiments	3
ISE 5700	Introduction to Cognitive Systems Engineering	3
ISE 5745	Human-Centered Machine Learning	3
ISE 5760	Visual Analytics and Sensemaking	3
ISE 5810	Lean Sigma Foundations	4
ISE 5820	Systems Thinking in Engineering and Design	3
ISE 5830	Decision Analysis	3
ISE 5870	Resilience Engineering	3
PUBAFRS 5770	Risk & Decision Analysis in Public Affairs	3
PUBAFRS 6050	Managing Public Sector Organization	3
PUBAFRS 7550	Contract Management	3

PUBAFRS 7600	Federal Policy and Administration	3

Sandy Furterer

Sandra Furterer

Sandy Furterer, PhD, MBA

Professor of Practice

The Ohio State University
Dept. of Integrated Systems Engineering

Engineering Technology Program Curriculum Director

Master of Systems Engineering Faculty Director

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Cc: **Corinne Matyas, Assistant Dean of Curriculum and Assessment**

Carolyn Sommerich, Professor ISE and Undergraduate Program Director

Amy Cherry, Program Coordinator Professional & Distance Education Programs

Nikki Herbert, Assistant Director Professional & Distance Education Programs

Jennifer Simmons, Director of Professional and Distance Education Programs