

## Master Calendar of Outcome Assessment for MSE Programs

SACS Domains	Sem/Year review indicators and courses	Sem/Year collect data, fill out worksheets	Sem/Year Faculty review/evaluate results	Outcomes	Courses	Collecting Faculty	Outcome Evaluators
Content	Fall 2020	Spring 2021	Fall 2021	1	EGN 6429	Jeff McGuirk	Bhuvana/Michael/Tarek
Project Management	Fall 2020	Fall 2021/Spring 2022	Fall 2022	5	EGN 6975	Tarek	Bhuvana/Tarek/Yazzan
					EGN 6416	Bhuvana	
Communication				3	EGN 6975	Tarek	Bhuvana/Tarek/Yazzan
					EGN 6416	Bhuvana	
Critical Thinking	Fall 2020	Fall 2022/Spring 2023	Fall 2023	6	EGN 6975	Tarek	Bhuvana/Tarek/Yazzan
					EGN 6416	Bhuvana	
Integrity and Values				4	EGN 6975	Tarek	Bhuvana/Tarek/Yazzan
					EGN 6416	Bhuvana	
Content	Fall 2022	Fall 2023/Spring 2024	Fall 2024	1	EGN 6429	Michael Reynolds	Bhuvana/Michael/Tarek
Project Management	Fall 2023	Fall 2024/Spring 2025	Fall 2025	2	EGN 6416	Tarek	Bhuvana/Tarek/Yazzan
					EGN 6975	Bhuvana	
Communication				3	EGN 6416	Tarek	Bhuvana/Tarek/Yazzan
					EGN 6975	Bhuvana	

Outcomes:

1. Solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. Conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
3. Communicate effectively verbally and in writing with a range of audiences.
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. Apply the engineering design process to produce solutions that meet specified needs with consideration for public health and safety, and global, cultural, social, environmental, economic, and other factors as appropriate to the discipline.