2024-2025 Assessment Plans and Reports

MES-Electrical Engineering - MES-MSEE

Academic year 2024-2025

MES-Electrical Engineering - MES-MSEE Learning Outcomes

SLO1 MET

Students will demonstrate an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

MEASURES	RESULTS	ACTIONS
Thesis and Survey	MET Thesis and Survey Exceeded	No actions have been added.
Target		
Proficiency: Minimum acceptable is 3 out of 4		
Benchmark: 75% of students achieve the proficiency mentioned above	0% 100% Values are not shown when too close to each other.	
0 MES SACS Spreadsheet 2024-2025.xlsx	Click or use arrow keys to see details.	
SLO1.pdf	Exceeded: 100%	
	Met Total: 100% Not Met Total:	
	Analysis	
	Thesis: 3 out of 3 students (100%) met the 75% target. No actions are needed Survey: 5 out of 5 students (100%) met the 75% target. No actions are needed.	

SLO2 MET

Students will demonstrate an ability to develop and conduct appropriate experimentation or numerical simulation, analyze and interpret data, and use engineering judgment to draw conclusions and produce solutions appropriately.

MEASURES	RESULTS	ACTIONS
Survey and Thesis	MET Survey and Thesis ■ Exceeded	No actions have been added.
Target		
Proficiency Minimum acceptable is 3 out of 4 Benchmark 75% of students achieve the proficiency mentioned above	0% 100% Values are not shown when too close to each other.	
0 MES SACS Spreadsheet 2024-2025.xlsx	Click or use arrow keys to see details.	
SLO2.pdf	Exceeded: 100%	
	Met Total: 100% Not Met Total:	
	Analysis	

MES-Electrical Engineering - MES-MSEE

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SLO3 NOT MET

Students will demonstrate an ability to use modern engineering tools to produce engineering analysis in a systematic manner.

MEASURES	RESULTS	ACTIONS
Thesis and Survey	NOT MET Thesis and Survey Exceeded Not Met	Maintain Assessment Strategy impress on students the importance of using modern engineering tools
Target		
Proficiency Minimum acceptable is 3 out of 4 Benchmark 75% of students achieve the proficiency mentioned above O MES SACS Spreadsheet 2024-2025.xlsx SLO3.pdf	0% 100% Values are not shown when too close to each other. Click or use arrow keys to see details. Exceeded: 67% Not Met: 33% Met Total: 67% Not Met Total: 33% Analysis Thesis: 2 out of 3 students (66.7%) met the 75% target. Corrective action: impress on students the importance of using modern engineering tools Survey: no survey questions addressed OC3	

General Outcome Actions

Additional Training

Not Started

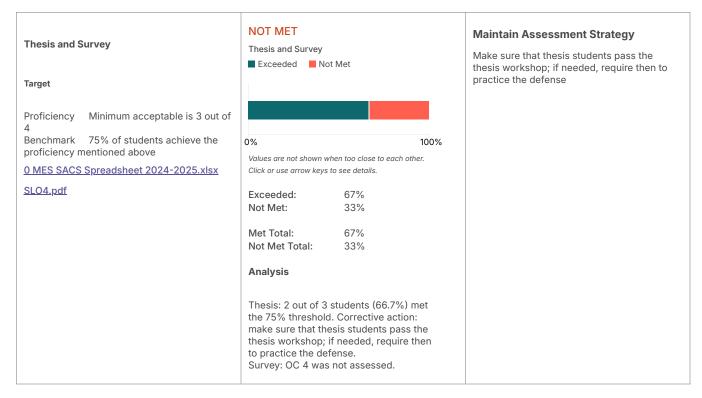
Impress on students the importance of using modern engineering tools $% \left(1\right) =\left(1\right) \left(1\right$

Recommended Due Date: 08/15/2025

SLO4 NOT MET

Students will demonstrate an ability to complete a master thesis and effectively communicate the thesis work with a range of audiences.

MEASURE	ES	RESULTS	ACTIONS
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General Outcome Actions

ACTIONS

Additional Training

Not Started

Make sure that thesis students pass the thesis workshop; if needed, require then to practice the defense. Survey: OC 4 was not assessed.

Recommended Due Date: 08/15/2025