


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 Target Proficiency: Minimum acceptable is 3 out of 4 Benchmark: 75% of students achieve the proficiency mentioned above 0 MES SACS Spreadsheet 2024-2025.xlsx SLO1.pdf	MET Thesis and Survey ■ Exceeded  0% 100% <small>Values are not shown when too close to each other. Click or use arrow keys to see details.</small> 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.	No actions have been added.

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

	<p>Thesis: 3 out of 3 students (100%) met the 75% target. No actions are needed</p> <p>Survey: 5 out of 5 students (100%) met the 75% target. No actions are needed.</p>	
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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
<p>Thesis and Survey</p> <p>Target</p> <p>Proficiency Minimum acceptable is 3 out of 4</p> <p>Benchmark 75% of students achieve the proficiency mentioned above</p> <p>0 MES SACS Spreadsheet 2024-2025.xlsx</p> <p>SLO3.pdf</p>	<p>NOT MET</p> <p>Thesis and Survey</p> <p>■ Exceeded ■ Not Met</p>  <p>0% 100%</p> <p><i>Values are not shown when too close to each other. Click or use arrow keys to see details.</i></p> <p>Exceeded: 67%</p> <p>Not Met: 33%</p> <p>Met Total: 67%</p> <p>Not Met Total: 33%</p> <p>Analysis</p> <p>Thesis: 2 out of 3 students (66.7%) met the 75% target. Corrective action: impress on students the importance of using modern engineering tools</p> <p>Survey: no survey questions addressed</p> <p>OC3</p>	<p>Maintain Assessment Strategy</p> <p>impress on students the importance of using modern engineering tools</p>


General Outcome Actions

ACTIONS
<p>Additional Training</p> <p>Not Started</p> <p>Impress on students the importance of using modern engineering tools</p> <p>Recommended Due Date: 08/15/2025</p>

SLO4 **NOT MET**

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

MEASURES	RESULTS	ACTIONS
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<h3>Thesis and Survey</h3> <p>Target</p> <p>Proficiency Minimum acceptable is 3 out of 4</p> <p>Benchmark 75% of students achieve the proficiency mentioned above</p> <p>0 MES SACS Spreadsheet 2024-2025.xlsx</p> <p>SLO4.pdf</p>	<h3>NOT MET</h3> <p>Thesis and Survey</p> <p>Exceeded Not Met</p>  <p>0%100%</p> <p>Values are not shown when too close to each other. Click or use arrow keys to see details.</p> <table><tr><td>Exceeded:</td><td>67%</td></tr><tr><td>Not Met:</td><td>33%</td></tr><tr><td>Met Total:</td><td>67%</td></tr><tr><td>Not Met Total:</td><td>33%</td></tr></table> <h3>Analysis</h3> <p>Thesis: 2 out of 3 students (66.7%) met the 75% threshold. Corrective action: make sure that thesis students pass the thesis workshop; if needed, require then to practice the defense.</p> <p>Survey: OC 4 was not assessed.</p>	Exceeded:	67%	Not Met:	33%	Met Total:	67%	Not Met Total:	33%	<h3>Maintain Assessment Strategy</h3> <p>Make sure that thesis students pass the thesis workshop; if needed, require then to practice the defense</p>
Exceeded:	67%									
Not Met:	33%									
Met Total:	67%									
Not Met Total:	33%									

General Outcome Actions

ACTIONS
<p>Additional Training</p> <p>Not Started</p> <p>Make sure that thesis students pass the thesis workshop; if needed, require then to practice the defense.</p> <p>Survey: OC 4 was not assessed.</p> <p>Recommended Due Date: 08/15/2025</p>