

Academic Year 2025-2026

MES-Civil Engineering - MES-MSCV Learning Outcomes**SLO 1**

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

MEASURES	RESULTS	ACTIONS
Measure 1 1. Thesis Direct - Other Target Minimum acceptable is 3 out of 4. 75% of students achieve the proficiency mentioned above MES_MSCV_Thesis and Defense Rubric.pdf	MET Analysis During this reporting period, two students graduated from the program. Both students met this Student Learning Outcome, as evidenced by their performance in the thesis defense. Students achieved a mean score of 3.92 out of 4.0 on this outcome, with 100% achieving the proficiency level mentioned above, indicating strong attainment.	<i>No actions have been added.</i>
Measure 2 Student Survey Indirect - Survey Target Minimum acceptable is 3 out of 4 75% of students achieve the proficiency mentioned above MECV_Survey 1.pdf	MET Analysis Both students selected option 3 or above, and one selected option 4, indicating a strong overall perception of mastery of the student learning outcome.	<i>No actions have been added.</i>

SLO 2

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
Measure 1 1. Thesis Direct - Other Target Minimum acceptable is 3 out of 4 75% of students achieve the proficiency mentioned above	MET Analysis During this reporting period, two students graduated from the program. Both students met this Student Learning Outcome, as evidenced by their performance in the thesis defense. Students achieved a mean score of 3.86 out of 4.0 on this outcome, with 100% achieving the proficiency level mentioned above, indicating strong attainment.	<i>No actions have been added.</i>

MES_MSCV_Thesis_and_Defense_Rubric.pdf		
Measure 2 Student Survey Indirect - Survey Target Minimum acceptable is 3 out of 4 75% of students achieve the proficiency mentioned above MECV_Survey_2.pdf	MET Analysis Both students selected option 4, indicating a strong overall perception of mastery of the student learning outcome.	<i>No actions have been added.</i>

SLO 3

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

MEASURES	RESULTS	ACTIONS
Measure 1 1. Thesis Direct - Other Target Minimum acceptable is 3 out of 4 75% of students achieve the proficiency mentioned above MES_MSCV_Thesis_and_Defense_Rubric.pdf	MET Analysis During this reporting period, two students graduated from the program. Both students met this Student Learning Outcome, as evidenced by their performance in the thesis defense. Students achieved a mean score of 4.0 out of 4.0 on this outcome, with 100% achieving the proficiency level mentioned above, indicating strong attainment.	<i>No actions have been added.</i>
Measure 2 Student Survey Indirect - Survey Target Minimum acceptable is 3 out of 4 75% of students achieve the proficiency mentioned above MECV_Survey_3.pdf	MET Analysis Both students selected option 4, indicating a strong overall perception of mastery of the student learning outcome.	<i>No actions have been added.</i>

SLO 4

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

MEASURES	RESULTS	ACTIONS
Measure 1 1. Thesis Report Direct - Other Target Minimum acceptable is 3 out of 4 75% of students achieve the proficiency mentioned above MES_MSCV_Thesis and Defense Rubric.pdf	MET Analysis During this reporting period, two students graduated from the program. Both students met this Student Learning Outcome, as evidenced by their performance in the thesis defense. Students achieved a mean score of 3.72 out of 4.0 on this outcome, with 100% achieving the proficiency level mentioned above, indicating strong attainment.	<i>No actions have been added.</i>
Measure 2 Final Thesis Defense Direct - Presentation Target Minimum acceptable is 3 out of 4 75% of students achieve the proficiency mentioned above MES_MSCV_Thesis and Defense Rubric.pdf	MET Analysis During this reporting period, two students graduated from the program. Both students met this Student Learning Outcome, as evidenced by their performance in the thesis defense. Students achieved a mean score of 4.0 out of 4.0 on this outcome, with 100% achieving the proficiency level mentioned above, indicating strong attainment.	<i>No actions have been added.</i>