BS in Mechanical Engineering - BS-MEEN

Mission

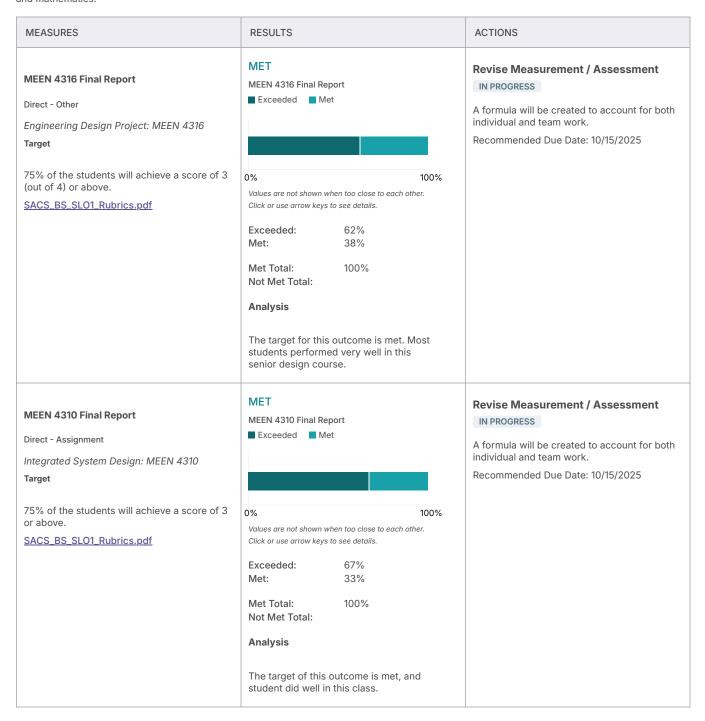
The mission of the Department of Mechanical Engineering is to provide students with high quality, accessible undergraduate and graduate mechanical engineering education; to engage and empower students with skills and knowledge to thrive in professional careers; and to serve society through economic and technological development of Southeast Texas and beyond.

Academic year 2024-2025

BS in Mechanical Engineering - BS-MEEN Learning Outcomes

Student Learning Outcome #1 MET

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



General Outcome Actions

ACTIONS

Revise Measurement / Assessment

IN PROGRESS

It is planned to adopt some new measurement for this outcome.

Recommended Due Date: 10/15/2025

Conclusion

The target of this outcome is met, and all the students have a score of 3 or 4.

Student Learning Outcome #2 MET

Students will demonstrate an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

MEASURES	RESULTS	ACTIONS
MEEN 4316 Final Reports Direct - Assignment Engineering Design Project: MEEN 4316 Target 75% of the students will achieve a score of 3 out of 4 or above. SACS BS SLO2 Rubrics.pdf	MEEN 4316 Final Reports Exceeded Met 0% 100% Values are not shown when too close to each other. Click or use arrow keys to see details. Exceeded: 74% Met: 26% Met Total: 100% Not Met Total: Analysis The target of this outcome is met, and students did well in this course.	Revise Measurement / Assessment IN PROGRESS A formula will be created to account for both individual and team work. Recommended Due Date: 10/15/2025
MEEN 4310 Final Report Direct - Assignment Integrated System Design: MEEN 4310 Target 75% of the students will achieve a score of 3 or above. SACS_BS_SLO2_Rubrics.pdf	MET MEEN 4310 Final Report Exceeded Met Met 0% 100% Values are not shown when too close to each other. Click or use arrow keys to see details. Exceeded: 28% Met: 72%	Revise Measurement / Assessment IN PROGRESS A formula will be created to account for both individual and team work. Recommended Due Date: 10/15/2025

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Met Total: 100% Not Met Total:	
Analysis	
The target of this outcome is met, and students did well in this class.	

General Outcome Actions

TIONS	
vise Measurement / Assessment	
planned to adopt some new measurement for this outcome	
Recommended Due Date: 10/15/2025	

Conclusion

The target of this outcome is met, all the students (100%) have a score of 3 or 4.

Student Learning Outcome #3 MET

Students will demonstrate an ability to communicate effectively with a range of audiences.

MEASURES	RESULTS	ACTIONS
MEEN 4316 Project Final Presentation Direct - Assignment Engineering Design Project: MEEN 4316 Target 75% of the students will achieve a score of 3 out of 4 or above. SACS BS SLO3 Rubrics.pdf	MEEN 4316 Project Final Presentation ■ Exceeded ■ Met 0% 100% Values are not shown when too close to each other. Click or use arrow keys to see details. Exceeded: 74% Met: 26% Met Total: 100% Not Met Total: 100% Not Met Total: 4 nalysis The target of this outcome is met in this course, and the students did well in their design project.	Revise Measurement / Assessment IN PROGRESS A formula will be created to account for both individual and team work. Recommended Due Date: 10/15/2025
MEEN 4310 Project Final Presentation Direct - Assignment	MET MEEN 4310 Project Final Presentation	Revise Measurement / Assessment IN PROGRESS

BS in Mechanical Engineering - BS-MEEN

A formula will be created to account for both Exceeded Met Integrated System Design: MEEN 4310 individual and team work. Target Recommended Due Date: 10/15/2025 75% of the students will achieve a score of 3 100% SACS_BS_SLO3_Rubrics.pdf Values are not shown when too close to each other. Click or use arrow keys to see details. 67% Exceeded: Met: 33% Met Total: 100% Not Met Total: **Analysis** The target of this outcome is met, and the students did well in their projects.

General Outcome Actions

Revise Measurement / Assessment IN PROGRESS More measurements are planned to adopt for this outcome. Recommended Due Date: 10/15/2025

Conclusion

The target of this outcome is met, all the students (100%) have a score of 3 or 4.