

SLO 1 **NOT 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
<p>Measure 1</p> <p>1. Comprehensive Exam</p> <p>Direct - Other</p> <p>Target</p> <p>Minimum acceptable is 3 out of 4. 75% of students achieve the proficiency mentioned above.</p>	<p>NOT MET</p> <p>ME_MECV.pdf</p> <p>Analysis</p> <p>All students met the requirements at various levels.</p>	<p>Other - [Defer Assessment]</p> <p>IN PROGRESS</p> <p>The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.</p> <p>Recommended Due Date: 12/15/2025</p> <p>Modify Policies / Procedures</p> <p>IN PROGRESS</p> <p>To ensure meaningful and equitable assessment, the faculty will review the current process of applying identical assessment instruments across every program.</p> <p>Recommended Due Date: 09/02/2025</p> <p>Revise Measurement / Assessment</p> <p>IN PROGRESS</p> <p>Uniform success across the cohort may indicate that the assessment lacks sufficient granularity to distinguish between levels of mastery or to identify areas for curricular improvement.</p> <p>Faculty will review the current measure for appropriateness at the first Fall faculty meeting.</p> <p>Recommended Due Date: 09/02/2025</p>
<p>Learning Outcome Perception</p> <p>Indirect - Survey</p>	<p>NOT MET</p> <p>Data Summary for AY 2024_2025_SLO1.pdf</p> <p>Analysis</p>	<p>Modify Policies / Procedures</p> <p>IN PROGRESS</p> <p>The response rate was significantly lower than in previous cycles, limiting the</p>

<p>Target</p> <p>75% of the students will select 3 or better on their perception of mastery of the student learning outcome.</p> <p>MECV_Survey_1.pdf</p>	<p>The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2025 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.</p>	<p>usefulness of the data. To prevent recurrence, the following measures are proposed for future data gathering:</p> <ul style="list-style-type: none">• Create survey tool online to make it easier for students to respond (e.g., survey monkey, Qualtrics, etc.).• Assign secondary reviewer to verify survey deployment• Exploring automated scheduling tools to ensure consistent and timely survey dissemination.• The faculty will consider this at the first faculty meeting in Fall 2025. <p>Recommended Due Date: 09/02/2025</p> <p>Other - [Defer Assessment]</p> <p>IN PROGRESS</p> <p>The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.</p> <p>Recommended Due Date: 12/15/2025</p>
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General Outcome Actions

ACTIONS
<p>Other - [Defer Assessment]</p> <p>IN PROGRESS</p> <p>The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.</p> <p>Recommended Due Date: 12/15/2025</p>

Conclusion

The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-

minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.

SLO2 **NOT MET**

Students will demonstrate an ability to apply engineering design to produce solutions appropriately.

MEASURES	RESULTS	ACTIONS
Measure 1 1. Comprehensive Exam Direct - Other Target Minimum acceptable is 3 out of 4. 75% of students achieve the proficiency mentioned above	NOT MET ME_MECV.pdf Analysis All students met this SLO based on the results of the comprehensive exam.	Revise Measurement / Assessment IN PROGRESS The faculty will review whether this outcome remains part of the program's learning objectives. The faculty will review the current assessment strategy for students' design competencies. Recommended Due Date: 09/02/2025
Learning Outcome Perception Indirect - Survey Target 75% of the students will select 3 or 4 out of 4 as their perceived attainment of the learning outcome. MECV_Survey 2.pdf	NOT MET Data Summary for AY 2024_2025_SLO2.pdf Analysis All students responding indicated that their perceived attainment of the learning outcome was at 75% or greater.	Modify Policies / Procedures IN PROGRESS The response rate was significantly lower than in previous cycles, limiting the usefulness of the data. To prevent recurrence, the following measures are proposed for future data gathering: <ul style="list-style-type: none"> • Create survey tool online to make it easier for students to respond (e.g., survey monkey, Qualtrics, etc.). • Assign secondary reviewer to verify survey deployment • Exploring automated scheduling tools to ensure consistent and timely survey dissemination. • The faculty will review and vote on this at the first faculty meeting in Fall 2025. Recommended Due Date: 09/02/2025

General Outcome Actions

ACTIONS
Other - [Defer Assessment] IN PROGRESS The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester. Recommended Due Date: 12/15/2025

Conclusion

The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.

SLO 3 NOT MET

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

MEASURES	RESULTS	ACTIONS
<p>Measure 1</p> <p>1. Comprehensive Exam</p> <p>Direct - Other</p> <p>Target</p> <p>Minimum acceptable is 3 out of 4. 75% of students achieve the proficiency mentioned above</p>	<p>NOT MET</p> <p>ME_MECV.pdf</p> <p>Analysis</p> <p>The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.</p>	<p>Other - [Defer Assessment]</p> <p>IN PROGRESS</p> <p>The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.</p> <p>Recommended Due Date: 12/15/2025</p> <p>Revise Measurement / Assessment</p> <p>IN PROGRESS</p> <p>The faculty will review the current assessment strategy for students' ability to use modern engineering tools to produce engineering analysis at the first faculty meeting in Fall 2025.</p> <p>Recommended Due Date: 09/02/2025</p>
<p>Learning Outcome Perception</p> <p>Indirect - Survey</p> <p>Target</p> <p>75% of students will select 3 or 4 out of 4 on their perceived attainment of the learning outcome.</p>	<p>NOT MET</p> <p>Data Summary for AY 2024_2025 SLO3.pdf</p> <p>Analysis</p> <p>All students felt they had met the learning outcome by at least 75%.</p>	<p>Modify Policies / Procedures</p> <p>IN PROGRESS</p> <p>The response rate was significantly lower than in previous cycles, limiting the usefulness of the data. To prevent recurrence, the following measures are proposed for future data gathering:</p> <ul style="list-style-type: none"> Create survey tool online to make it easier for students to respond (e.g., survey

MECV_Survey_3.pdf	<p>monkey, Qualtrics, etc.).</p> <ul style="list-style-type: none">• Assign secondary reviewer to verify survey deployment• Exploring automated scheduling tools to ensure consistent and timely survey dissemination.• The faculty will review and vote on this at the first faculty meeting in Fall 2025. <p>Recommended Due Date: 09/02/2025</p> <p>Other - [Defer Assessment]</p> <p>IN PROGRESS</p> <p>The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.</p> <p>Recommended Due Date: 12/15/2025</p>
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General Outcome Actions

ACTIONS
<p>Other - [Defer Assessment]</p> <p>IN PROGRESS</p> <p>The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.</p> <p>Recommended Due Date: 12/15/2025</p>

Conclusion

The graduate coordinator failed to i) collect indirect survey data in the spring 2025 semester, ii) collect direct data from the comprehensive exam in the spring 2025 semester, and follow the scoring rubric that maps the student performance to the quantitative likert scale 1-4 used directly for assessment in the spring 2025 semester. The graduate coordinator had several months to compile the information. The graduate coordinator was not able to successfully collaborate with faculty to collect the data, and in fact, put undue strain on adjunct faculty and other faculty with last-minute, short and unreasonable deadline data requests with confusing communication although having several months to compile the data (for classes taught in the fall 2024 semester). This is the reason that no indirect data was collected in the spring 2025, and no direct data was collected and interpreted in CVEN 5329. This dataset will be collected and reassessed in the fall 2025 semester.