

Outcomes Assessment

Student Learning Outcomes and Degree Program Objectives



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Construction Management

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PLO# 6. Analyze professional decisions based on ethical principles.

Assessment Measure Summary Results

Assessment Measure 1: Essay Question with Rubric		GOAL MET
Type:	Direct Measure	
Course & Assignment:	CM 334 (Construction Law); Embedded Question in Final Exam	
Goal:	100% of students identify one primary trait; 80% of students score 60 or better	
Date(s) of OAM reviews:	June 2025 (for AY 2024-2025) June 2026 (for AY 2025-2026)	
Results:	AY 2024-25: 97% of students identified one primary trait; 96% of students scored 60% or better AY 2025-2026: 99% of students identified one primary trait; 100% of students scored 60% or better	
Revisions made to instrument:	June, 2024: Rubric and reporting method revised.	
Actions Taken and Results:	At the mid-year review, it was discovered that students have been taking the course and completing the assignment, but data collection and reporting have been inconsistent. To prevent this from happening again, faculty will receive continuous training and reminders during department meetings on how to collect data for outcomes assessment and will share best practices for collecting and sharing data to avoid future gaps. A shared file has been created to easily identify when data has been collected so data collection can happen timely. Results are now recorded more consistently (starting Fall 2024d).	
Recommendations for Improvement:	None.	

Assessment Measure 2: Survey – Graduating Seniors		GOAL MET
Type:	Indirect Measure	
Goal:	80% of students rate their ability as good and above.	
Dates of OAM reviews:	June 2021 (for AY 2020-2021); June 2024 (for AY 2023-2024); June 2025 (for AY 2024-2025); June 2026 (for AY 2025-26)	
Results:	June 2021: 98% of students rated abilities as good or above (n=53) June 2024: 97% of students rated abilities as good or above (n=59) June 2025: 100% of students rated abilities as good or above (n=9) June 2026: 100% of students rated abilities as good or above (n=20)	
Actions Taken:	Student-led senior projects collected qualitative data using focus groups to get additional insights (June 2024 and June 2025).	
Recommendations for Improvement:	Work with ASCM student club to increase response rates.	

Outcomes Assessment

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Assessment Measure 3: Survey – Industry Employer		GOAL MET
Type:	Indirect Measure	
Goal:	50% of employers rate students' abilities as good and above.	
Dates of OAM reviews:	June 2021 (for AY 2020-21); June 2024 (for AY 2023-2024); June 2026 (for AY 2025-2026)	
Results:	June 2021: 100% of employers rated abilities as good or above (n=21) June 2024: 100% of employers rated abilities as good or above (n=25) June 2026: 100% of employers rated abilities as good or above (n=30)	
Actions Taken:	Advertising survey at annual CMAC meeting to increase response rate	
Recommendations for improvement:	Survey lacks consistent responses; work with CMAC Committee to determine ways to increase response rates.	

Assessment Measure 4: AIC Exam		GOAL MET
Type:	Indirect Measure	
Goal:	The department's performance is better than the national average.	
Dates of OAM review:	Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025, Fall 2025, Spring 2026	
Results:	100% of students outperformed the national average on each exam (Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025, Fall 2025, Spring 2026).	
Actions Taken:	None	
Recommendations for improvement:	None	

Method of Assessment:

This assessment evaluates students' ability to analyze professional ethical decision making using a standardized rubric created and validated by faculty.

Actions taken:

Direct Assessment Measure:

No adjustments have been made to the assessment instrument. The assessment tool is still considered appropriate for this PLO. The assessment instrument is well structured and evaluates students' abilities to analyze professional decisions using ethics.

Discussion:

The assessment tool remains appropriate for this PLO. The assessment instrument is well-structured and evaluates students' ability to analyze professional decisions using ethical decision-making principles.

The biggest challenge was developing a standardized process for reviewing and reporting assignment results. Since the mid-year report, a streamlined process has been developed, and faculty have been reporting results consistently since Fall 2024.

Recommendations for Improvement:

Outcomes Assessment

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With the transition to a semester-based curriculum in Fall 2026, the assessment instrument and assignment will remain in CM 3334 – Construction Law. Ongoing quarterly reporting by faculty will support effective monitoring of student learning outcomes and continuous improvement.

Additional Data for Outcomes Assessment Measures:

Assessment Measure 1: Individual Assignment with Rubric

Quarter	No. of CM students who completed the exam	No. CM students who identified one primary trait	Total number of CM students who scored 60% or better	Percent of students who identified one primary trait	Percent of students with 60% or more
Fall 2024	31	30	29	30	29
Fall 2024	17	15	15	15	15
Winter 2025	33	33	33	37	37
Winter 2025	32	32	32	32	32
Spring 2025	25	24	23	24	27
Spring 2025	27	27	27	27	27
Fall 2025	27	27	27	30	29
Fall 2025	17	17	17	17	17
Winter 2026	34	33	34	37	36
Winter 2026	25	25	25	25	25

Assessment Measure 2: Survey – Graduating Seniors

Rating	2020-2021	2023-2024	2024-2025	2025-2026
Poor	0	0	0	0
Fair	1	2	0	0
Good	12	15	1	3
Very Good	20	24	6	9
Excellent	20	18	2	8
Total Responses	53	59	9	20
Total - Good or Better	52	57	9	20
Percentage - Good or Better	98%	97%	100%	100%

Outcomes Assessment

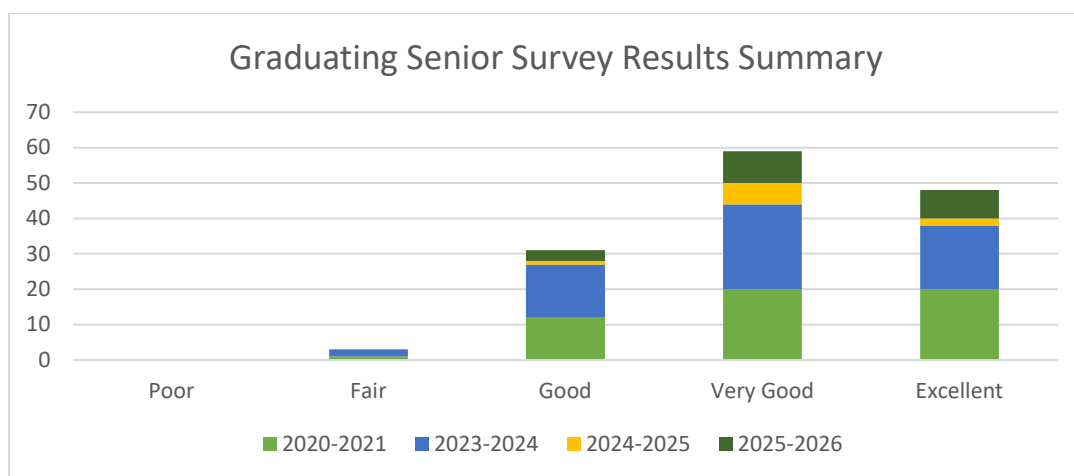
Student Learning Outcomes and Degree Program Objectives



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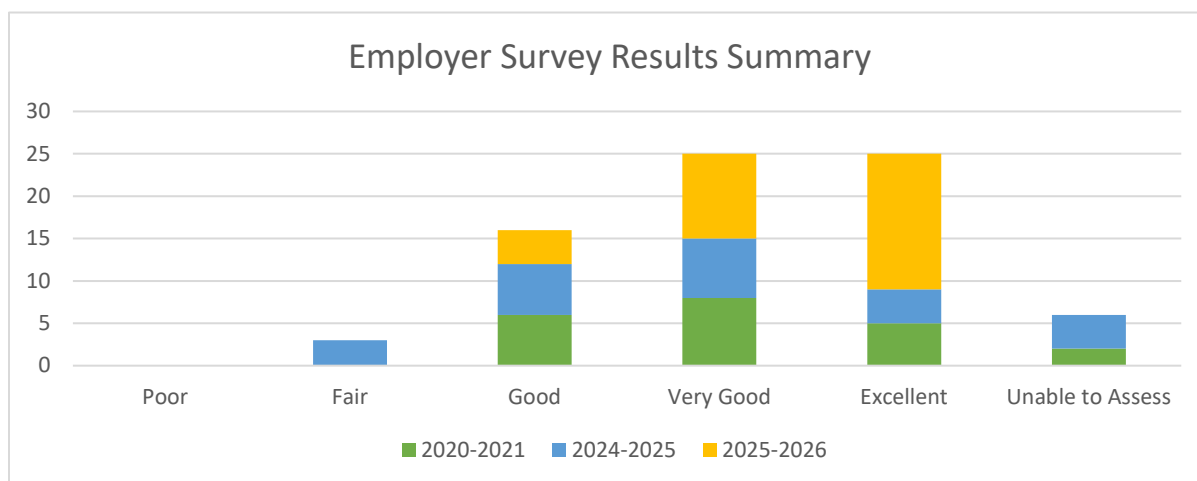
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Assessment Measure 3: Survey – Industry Employers

Rating	2020-2021	2024-2025	2025-2026
Poor	0	0	0
Fair	0	0	0
Good	3	5	4
Very Good	13	10	11
Excellent	4	5	15
Unable to Assess	1	5	0
Total Responses	21	25	30
Total - Good or Better	20	20	30
Percentage - Good or Better (excludes unable to assess responses)	100%	100%	100%



Assessment Measure 4: AIC Exam Results Summary:

AIC Exam Results - PLO No.6

	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024	Spring 2025	Fall 2025	Spring 2026
School Average	83%	77%	82%	91%	89%	90%	92%	93%	81%	87%
National Average	71%	72%	72%	80%	79%	84%	83%	81%	77%	72%

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