

Outcomes Assessment

Student Learning Outcomes and Degree Program Objectives



CAL POLY

Construction Management
COLLEGE OF ARCHITECTURE
& ENVIRONMENTAL DESIGN

PLO #20. Understand the key leadership characteristics that are successful in building and strengthening construction management teams.*

Assessment Measure Summary Results

Assessment Measure 1: 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=52) June 2024: 100% 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.	

Assessment Measure 2: 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: 95% of employers rated abilities as good or above (n=21) June 2024: 85% of employers rated abilities as good or above (n=24) June 2026: 93% 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.	

Method of Assessment:

Assessment utilizes two distinct surveys: one targeting industry employers and another for graduating students. The anonymous online surveys are administered in the spring, with graduating students participating annually and industry employers every other year. Survey data are systematically collected using an online platform (Microsoft Forms) to ensure comprehensive and accessible data management. The results are integrated into the evaluation process for all Program Learning Outcomes (PLOs), supporting informed decision-making and continuous curriculum improvement.

Because this assessment measure is not included on the ACCE list of required measures, utilizing two indirect assessment methods is recommended to effectively evaluate student attainment of this

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learning outcome. This approach ensures that multiple perspectives are considered, strengthening the validity of the assessment process.

Actions taken:

The assessment measure has not been revised.

Discussion:

The results indicate that both employers and students feel that Cal Poly construction management students understand key leadership characteristics that are successful in building and strengthening construction management teams.

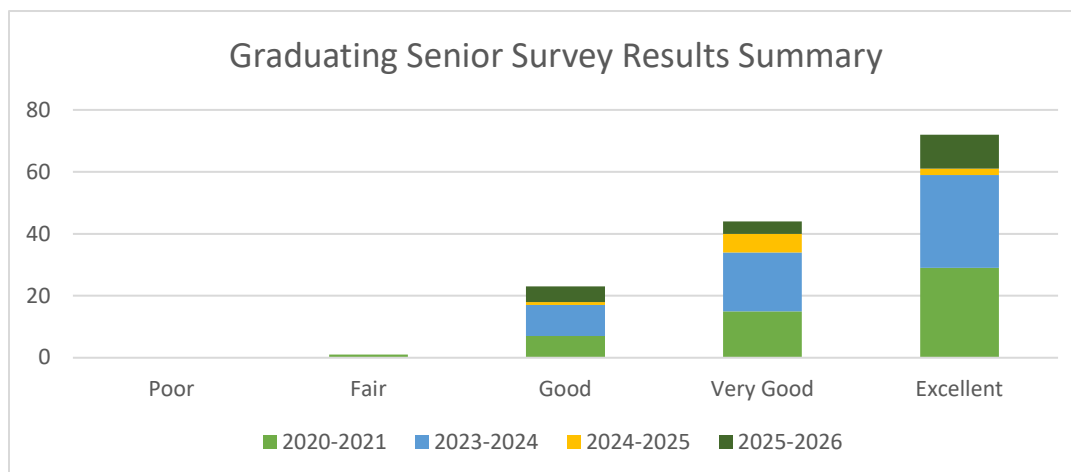
Recommendations for Improvement:

To strengthen the learning outcome, and to understand the ways in which Cal Poly students understand key leadership characteristics for successful team building, an additional direct assessment should be developed and implemented in a required course. This will provide additional data to evaluate this learning outcome to improve student learning and understanding.

Additional Data for Outcomes Assessment Measures:

Assessment Measure 1: Survey – Graduating Seniors

Rating	2020-2021	2023-2024	2024-2025	2025-2026
Poor	0	0	0	0
Fair	0	0	0	0
Good	7	8	3	3
Very Good	20	20	3	8
Excellent	24	31	3	9
Total Responses	52	59	9	20
Total - Good or Better	51	59	9	20
Percentage - Good or Better	98%	100%	100%	100%



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Assessment Measure 2: Survey – Industry Employers

Rating	2020-2021	2024-2025	2025-2026
Poor	0	0	0
Fair	1	3	2
Good	3	7	3
Very Good	11	6	10
Excellent	5	4	15
Unable to Assess	1	4	0
Total Responses	21	24	30
Total - Good or Better	19	17	28
Percentage - Good or Better (excludes unable to assess responses)	95%	85%	93%

