

Annual Summary Report of Achievement of Student Learning Outcomes and Degree Program Objectives

As prescribed in Section 8.5.1 and 9.4.1 of ACCE Document 103, *Standards and Criteria for the Accreditation of Construction Education Programs*

ACCE Form A-17



Year	Academic Year	Degree Level	Bachelor's	Program Name	Construction Management Technology	Institution Name	Purdue University				
Student Learning Outcome		Method of Assessment		Current Evaluation of Results and Resulting Corrective Actions			Last Reported Evaluation of Results and Follow-up on the impact of corrective actions taken				Description of any revisions made to Degree Program assessment tools
SLO #	SLO Description			Current Evaluation	Dates of evaluation	Corrective Actions	Last Evaluation	Dates of Last Evaluation	Follow-up of the impact of corrective actions taken	Date(s) of Follow-up	
#1	Create written communication appropriate to the construction discipline	CM150 Daily Report	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM450 Writing Assignment	Direct	Meeting Target	Fall 2025	None	Meeting Target	Spring 2026	None	N/A	None needed at this time.
#2	Create oral presentations appropriate to the construction discipline	CM400 Presentation	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM450 Presentation	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
#3	Create a construction project safety plan.	CM457 Project	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	Fall 2025 instructor taught class in place of usual instructor. Instructor for Spring 2026 implemented earlier due date for project and allowed students to get assist from AI (based on Spring 2025 grades)	Spring 2026	Adjustments to be monitored in Fall 2026
		CM450 Safety Plan	Direct	Meeting Target	Fall 2025	None	Below Target (26% Proficient)	Spring 2026	Instructor has a list of 7 items to implement. Future instruction should place greater emphasis on how a safety plan functions as an active jobsite management tool rather than just a written assignment.	N/A	Adjustments to be made in Fall 2026
#4	Create construction project cost estimates.	CM300 Estimate	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM450 Estimate	Direct	Meeting Target	Fall 2025	None	Meeting Target	Spring 2026	None	N/A	None needed at this time.
#5	Create construction project schedules.	CM300 Schedule	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM450 Schedule	Direct	Meeting Target	Fall 2025	None	Below Target (26% Proficient)	Spring 2026	Instructor has list of 8 suggested improvements. An in-class exercise where students compare an unrealistic schedule to a more accurate construction schedule.	N/A	Fall 2026
#6	Analyze professional decisions based on ethical principles.	CM433 Case Study	Direct	Meeting Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM200 Case Study	Direct	Meeting Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
#7	Analyze methods, materials, and equipment used to construct projects.	CM150 Assignment	Direct	Meeting target	Fall 2025	None	Above Target	Spring 2026	None	Fall 2025	Project will be re-evaluated in Fall 2025
		CM310 Project	Direct	Meeting target	Fall 2025	None	Above Target	Spring 2026	None	Fall 2025	Evaluation Project will continue to be used in Fall '25/Spring '26
#8	Apply electronic-based technology to manage the construction process.	CM164 BIM Project	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM450 Project	Direct	Meeting Target	Fall 2025	None	Meeting Target	Spring 2026	None	N/A	None needed at this time.
#9	Apply basic surveying techniques for construction layout and control.	CM160 Assignment	Direct	Meeting Target	Fall 2025	None	Meeting Target	Spring 2026	None	N/A	None needed at this time.
		CM450 Assignment	Indirect	Meeting Target	Fall 2025	None	Below Target (66% proficient)	Spring 2026	None	N/A	SLO to be moved to different course that utilizes more surveying.
#10	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	CM200 Assignment	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM433 Assignment	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
#11	Understand construction accounting and cost control.	CM301 Assignment	Direct	Above Target	Fall 2025	None	Meeting Target	Spring 2026	None	N/A	None needed at this time.
		CM475 Assignment	Direct	Below Target (57% of the students scored above 70%)	Fall 2025	reviews of homework assignments; guest lectures	Below Target (49% of the students scored above 70%)	Spring 2026	reviews of homework assignments; guest lecturers; Introduce new technology, such as artificial intelligence, digital twin, AR, and VR, for construction control.	Fall 2025	More emphasis on topic in-class lectures
#12	Understand construction quality assurance and control.	CM160 Assignment	Direct	Meeting Target	Fall 2025	None	Meeting Target	Spring 2026	None	N/A	None needed at this time.
		CM364 Assignment / Exam	Direct	Meeting Target	Fall 2025	None	Above Target for Homework, but Below Target (63 proficient) on Exam.	Spring 2026	Instructor to consider harder assignment for QA/QC homework as homework was not challenging enough. The students struggled on the final exam because they did not review the book or study the notes on the	N/A	Fall 2026
#13	Understand construction project control processes.	CM160 Assignment	Direct	Meeting Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM450 Assignment	Direct	Meeting Target	Fall 2025	None	Meeting Target	Spring 2026	None	N/A	None needed at this time.
#14	Understand the legal implications of contract, common, and regulatory law to manage a construction project.	CM400 Assignment	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM433 Assignment	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
#15	Understand the basic principles of sustainable construction.	CM100 Assignment	Direct	Meeting target	Fall 2025	None	Below Target (15% proficient)	Spring 2026	The largest percentage of students, scored in the Developing range, suggesting that many students demonstrated partial understanding but need more instruction to reach competency.	N/A	Fall 2026
		CM400 Assignment	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
#16	Understand the basic principles of structural behavior.	CM270 Assignment	Direct	Meeting target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
		CM380 Assignment	Direct	Above Target	Fall 2025	None	Above Target	Spring 2026	None	N/A	None needed at this time.
#17	Understand the basic principles of HVAC, electrical and plumbing systems.	CM215 Assignment	Direct	Meeting target	Fall 2025	None	Meeting target	Spring 2026	None	N/A	None needed at this time.
		CM216 Assignment	Direct	Meeting Target	Fall 2025	None	Meeting Target	Spring 2026	None	N/A	None needed at this time.