Bowling Green State University

SLO INDIRECT ASSESSMENT: AIC Exam Results for Spring 2018 thru Fall 2022

Note: ACCE initially allowed certain SLO data from the AIC Exam to count as a direct assessment. The decision was then made that the AIC could only count as an Indirect Assessment for certain SLOs.

	Student Learning Outcome	Spring 2018 AIC Exam	Fall 2018 AIC Exam	Spring 2019 AIC Exam	Fall 2019 AIC Exam	Spring 2020 AIC Exam NOT OFFERED	Fall 2020 AIC Exam NOT OFFERED	Spring 2021 AIC Exam	Fall 2021 AIC Exam	Spring 2022 AIC Exam	Fall 2022 AIC Exam
1	Create written communications appropriate to the construction discipline.	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A
2	Create oral presentations appropriate to the construction discipline.	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A
3	Create a construction project safety plan.	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A
4	Create construction project cost estimates.	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A
5	Create construction project schedules	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A
6	Analyze professional decisions based on ethical principles.	85.71% of students met or exceeded 69%	70.00% of students met or exceeded 68%	58.33% of students met or exceeded 68%	90.91% of students met or exceeded 72%			56.67% of students met or exceeded 63%	66.67% of students met or exceeded 66%	52% of students met or exceeded 67%	63% of students met or exceeded 67%
7	Analyze construction documents for planning and management of construction processes.	77.14% of students met or exceeded 65%	80.00% of students met or exceeded 63%	62.50% of students met or exceeded 68%	90.91% of students met or exceeded 69%			56.67% of students met or exceeded 59%	79.17% of students met or exceeded 61%	48% of students met or exceeded 64%	50% of students met or exceeded 68%
8	Analyze methods, materials, and equipment used in construction processes.	68.57% of students met or exceeded 66%	90.00% of students met or exceeded 63%	70.83% of students met or exceeded 65%	81.82% of students met or exceeded 66%			63.33% of students met or exceeded 61%	70.83% of students met or exceeded 63%	52% of students met or exceeded 64%	50% of students met or exceeded 70%
9	Apply construction management skills as a member of a multidisciplinary team.	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A
10	Apply electronic-based technology to manage the construction process.	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A
11	Apply basic surveying techniques for construction layout and control	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A
12	responsibilities of all constituencies involved in the design and construction process.	60.00% of students met or exceeded 67%	70.00% of students met or exceeded 61%	83.33% of students met or exceeded 65%	90.91% of students met or exceeded 70%			60.00% of students met or exceeded 62%	70.83% of students met or exceeded 63%	66% of students met or exceeded 65%	38% of students met or exceeded 66%
13	Understand construction risk management.	71.43% of students met or exceeded 69%	60.00% of students met or exceeded 65%	66.67% of students met or exceeded 71%	90.91% of students met or exceeded 74%			60.00% of students met or exceeded 62%	70.83% of students met or exceeded 67%	45% of students met or exceeded 67%	50% of students met or exceeded 66%
14	Understand construction accounting and cost control.	77.14% of students met or exceeded 63%	70.00% of students met or exceeded 63%	87.50% of students met or exceeded 68%	90.91% of students met or exceeded 70%			60.00% of students met or exceeded 62%	62.50% of students met or exceeded 59%	45% of students met or exceeded 64%	38% of students met or exceeded 67%
15	Understand construction quality assurance and control.	80.00% of students met or exceeded 64%	30.00% of students met or exceeded 70%	41.67% of students met or exceeded 69%	81.82% of students met or exceeded 71%			60.00% of students met or exceeded 62%	70.83% of students met or exceeded 70%	66% of students met or exceeded 66%	44% of students met or exceeded 68%
16	Understand construction project control processes.	60.00% of students met or exceeded 71%	60.00% of students met or exceeded 72%	79.17% of students met or exceeded 74%	90.91% of students met or exceeded 76%			60.00% of students met or exceeded 59%	62.50% of students met or exceeded 64%	48% of students met or exceeded 72%	63% of students met or exceeded 72%
17	Understand the legal implications of contract, common, and regulatory law to manage a construction project.	68.57% of students met or exceeded 68%	50.00% of students met or exceeded 66%	75.00% of students met or exceeded 71%	81.82% of students met or exceeded 73%			60.00% of students met or exceeded 62%	70.83% of students met or exceeded 64%	48% of students met or exceeded 70%	50% of students met or exceeded 70%
18	Understand the basic principles of sustainable construction.	68.57% of students met or exceeded 57%	50.00% of students met or exceeded 54%	50.00% of students met or exceeded 53%	36.36% of students met or exceeded 69%			40.00% of students met or exceeded 51%	29.17% of students met or exceeded 54%	62% of students met or exceeded 51%	25% of students met or exceeded 55%
19	Understand the basic principles of structural behavior.	54.29% of students met or exceeded 66%	90.00% of students met or exceeded 64%	54.17% of students met or exceeded 65%	81.82% of students met or exceeded 69%			53.33% of students met or exceeded 61%	58.33% of students met or exceeded 62%	45% of students met or exceeded 66%	56% of students met or exceeded 65%
20	Understand the basic principles of mechanical, electrical and piping systems.	71.43% of students met or exceeded 62%	50.00% of students met or exceeded 58%	58.33% of students met or exceeded 54%	54.55% of students met or exceeded 59%			50.00% of students met or exceeded 62%	75.00% of students met or exceeded 66%	66% of students met or exceeded 55%	44% of students met or exceeded 58%