Bowling Green State University

AIC Exam Results NOTE: The Evaluation Index is within 5% of the National Average for Each SLO

Data Collection Semester: Spring 2018

	Student Learning Outcome	Results
1	Create written communications appropriate to the construction discipline.	**71.43% of students met or exceeded 69%**
2	Create oral presentations appropriate to the construction discipline.	**51.43% of students met or exceeded 57%**
3	Create a construction project safety plan.	**85.71% of students met or exceeded 64%**
4	Create construction project cost estimates.	**80.00% of students met or exceeded 64%**
5	Create construction project schedules	**54.29% of students met or exceeded 71%**
6	Analyze professional decisions based on ethical principles.	**85.71% of students met or exceeded 69%**
7	Analyze construction documents for planning and management of construction processes.	**77.14% of students met or exceeded 65%**
8	Analyze methods, materials, and equipment used in construction processes.	**68.57% of students met or exceeded 66%**
9	Apply construction management skills as a member of a multidisciplinary team.	**74.29% of students met or exceeded 64%**
10	Apply electronic-based technology to manage the construction process.	**45.71% of students met or exceeded 66%**
11	Apply basic surveying techniques for construction layout and control	**82.86% of students met or exceeded 69%**
12	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	**60.00% of students met or exceeded 67%**
13	Understand construction risk management.	**71.43% of students met or exceeded 69%**
14	Understand construction accounting and cost control.	**77.14% of students met or exceeded 63%**
15	Understand construction quality assurance and control.	**80.00% of students met or exceeded 64%**
16	Understand construction project control processes.	**60.00% of students met or exceeded 71%**
17	Understand the legal implications of contract, common, and regulatory law to manage a construction project.	**68.57% of students met or exceeded 68%**
18	Understand the basic principles of sustainable construction.	**68.57% of students met or exceeded 57%**
19	Understand the basic principles of structural behavior.	**54.29% of students met or exceeded 66%**
20	Understand the basic principles of mechanical, electrical and piping systems.	**71.43% of students met or exceeded 62%**

Bowling Green State University

AIC Exam Results NOTE: The Evaluation Index is within 5% of the National Average for Each SLO

Data Collection Semester: Spring 2018

	Student Learning Outcome	Results
1	Create written communications appropriate to the construction discipline.	**N/A**
2	Create oral presentations appropriate to the construction discipline.	**N/A**
3	Create a construction project safety plan.	**N/A**
4	Create construction project cost estimates.	**N/A**
5	Create construction project schedules	**N/A**
6	Analyze professional decisions based on ethical principles.	**85.71% of students met or exceeded 69%**
7	Analyze construction documents for planning and management of construction processes.	**77.14% of students met or exceeded 65%**
8	Analyze methods, materials, and equipment used in construction processes.	**68.57% of students met or exceeded 66%**
9	Apply construction management skills as a member of a multidisciplinary team.	**N/A**
10	Apply electronic-based technology to manage the construction process.	**N/A**
11	Apply basic surveying techniques for construction layout and control	**N/A**
12	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	**60.00% of students met or exceeded 67%**
13	Understand construction risk management.	**71.43% of students met or exceeded 69%**
14	Understand construction accounting and cost control.	**77.14% of students met or exceeded 63%**
15	Understand construction quality assurance and control.	**80.00% of students met or exceeded 64%**
16	Understand construction project control processes.	**60.00% of students met or exceeded 71%**
17	Understand the legal implications of contract, common, and regulatory law to manage a construction project.	**68.57% of students met or exceeded 68%**
18	Understand the basic principles of sustainable construction.	**68.57% of students met or exceeded 57%**
19	Understand the basic principles of structural behavior.	**54.29% of students met or exceeded 66%**
20	Understand the basic principles of mechanical, electrical and piping systems.	**71.43% of students met or exceeded 62%**

Bowling Green State University

SLO 1: Create written communications appropriate to the construction discipline

AIC Exam Results (Not Applicable)
National Average = 74%
Objective - 70% of students meet or exceed 69%

Results: **71.43% of students met or exceeded 69%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	69%
1			75.00%	1
2			80.00%	1
3			83.00%	1
4			78.00%	1
5			78.00%	1
6			81.00%	1
7			68.00%	0
8			76.00%	1
9			53.00%	0
10			76.00%	1
11			68.00%	0
12			49.00%	0
13			69.00%	1
14			78.00%	1
15			69.00%	1
16			90.00%	1
17			68.00%	0
18			46.00%	0
19			80.00%	1
20			73.00%	1
21			66.00%	0
22			80.00%	1
23			90.00%	1
24			78.00%	1
25			86.00%	1
26			63.00%	0
27			71.00%	1
28			58.00%	0
29			71.00%	1
30			75.00%	1
31			76.00%	1
32			81.00%	1
33			78.00%	1
34			80.00%	1
35			61.00%	0
				25
				71.43%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 2: Create oral presentations appropriate to the construction discipline

AIC Exam Results (No Applicable)
National Average = 62%
Objective - 70% of students meet or exceed 57%

Results: **51.43% of students met or exceeded 57%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	57%
1			44.00%	0
2			68.00%	1
3			60.00%	1
4			52.00%	0
5			44.00%	0
6			64.00%	1
7			40.00%	0
8			60.00%	1
9			36.00%	0
10			48.00%	0
11			76.00%	1
12			56.00%	0
13			48.00%	0
14			80.00%	1
15			52.00%	0
16			64.00%	1
17			64.00%	1
18			48.00%	0
19			60.00%	1
20			56.00%	0
21			64.00%	1
22			60.00%	1
23			68.00%	1
24			44.00%	0
25			84.00%	1
26			44.00%	0
27			60.00%	1
28			72.00%	1
29			64.00%	1
30			56.00%	0
31			56.00%	0
32			56.00%	0
33			52.00%	0
34			68.00%	1
35			68.00%	1
				18
				51.43%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 3: Create a construction project safety plan.

AIC Exam Results (Not Applicable)
National Average = 69%
Objective - 70% of students meet or exceed 64%

Results: **85.71% of students met or exceeded 64%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	64%
1			76.00%	1
2			79.00%	1
3			79.00%	1
4			73.00%	1
5			64.00%	1
6			70.00%	1
7			61.00%	0
8			70.00%	1
9			61.00%	0
10			73.00%	1
11			64.00%	1
12			64.00%	1
13			67.00%	1
14			82.00%	1
15			52.00%	0
16			85.00%	1
17			64.00%	1
18			58.00%	0
19			67.00%	1
20			82.00%	1
21			70.00%	1
22			82.00%	1
23			88.00%	1
24			82.00%	1
25			91.00%	1
26			61.00%	0
27			67.00%	1
28			70.00%	1
29			73.00%	1
30			76.00%	1
31			70.00%	1
32			76.00%	1
33			64.00%	1
34			70.00%	1
35			67.00%	1
				30
				85.71%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 4: Create construction project cost estimates.

AIC Exam Results (Not Applicable)
National Average = 69%
Objective - 70% of students meet or exceed 64%

Results: **80.00% of students met or exceeded 64%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	64%
1			72.00%	1
2			70.00%	1
3			87.00%	1
4			73.00%	1
5			82.00%	1
6			76.00%	1
7			63.00%	0
8			62.00%	0
9			48.00%	0
10			78.00%	1
11			73.00%	1
12			55.00%	0
13			66.00%	1
14			77.00%	1
15			71.00%	1
16			79.00%	1
17			63.00%	0
18			65.00%	1
19			68.00%	1
20			71.00%	1
21			66.00%	1
22			60.00%	0
23			79.00%	1
24			77.00%	1
25			80.00%	1
26			66.00%	1
27			73.00%	1
28			65.00%	1
29			70.00%	1
30			67.00%	1
31			70.00%	1
32			74.00%	1
33			68.00%	1
34			74.00%	1
35			55.00%	0
				28
				80.00%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 5: Create construction project schedules

AIC Exam Results (Not Applicable)
National Average = 76%
Objective - 70% of students meet or exceed 71%

Results: **54.29% of students met or exceeded 71%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	71%
1			68.00%	0
2			79.00%	1
3			91.00%	1
4			57.00%	0
5			85.00%	1
6			77.00%	1
7			70.00%	0
8			79.00%	1
9			55.00%	0
10			81.00%	1
11			74.00%	1
12			53.00%	0
13			70.00%	0
14			79.00%	1
15			68.00%	0
16			87.00%	1
17			66.00%	0
18			57.00%	0
19			74.00%	1
20			77.00%	1
21			66.00%	0
22			66.00%	0
23			83.00%	1
24			85.00%	1
25			91.00%	1
26			66.00%	0
27			83.00%	1
28			57.00%	0
29			64.00%	0
30			74.00%	1
31			89.00%	1
32			79.00%	1
33			68.00%	0
34			91.00%	1
35			51.00%	0
				19
				54.29%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 6: Analyze professional decisions based on ethical principles.

AIC Exam Results (Indirect Assessment)
National Average = 74%
Objective - 70% of students meet or exceed 69%

Results: **85.71% of students met or exceeded 69%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	69%
1			62.00%	0
2			69.00%	1
3			79.00%	1
4			76.00%	1
5			72.00%	1
6			83.00%	1
7			76.00%	1
8			72.00%	1
9			52.00%	0
10			83.00%	1
11			79.00%	1
12			69.00%	1
13			86.00%	1
14			86.00%	1
15			62.00%	0
16			79.00%	1
17			76.00%	1
18			69.00%	1
19			83.00%	1
20			69.00%	1
21			83.00%	1
22			76.00%	1
23			86.00%	1
24			76.00%	1
25			90.00%	1
26			55.00%	0
27			86.00%	1
28			76.00%	1
29			76.00%	1
30			66.00%	0
31			72.00%	1
32			83.00%	1
33			76.00%	1
34			76.00%	1
35			72.00%	1
				30
				85.71%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 7: Analyze construction documents for planning and management of construction processes.

AIC Exam Results (Indirect Assessment)
National Average = 70%
Objective - 70% of students meet or exceed 65%

Results: **77.14% of students met or exceeded 65%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	65%
1			69.00%	1
2			67.00%	1
3			86.00%	1
4			69.00%	1
5			72.00%	1
6			76.00%	1
7			63.00%	0
8			73.00%	1
9			53.00%	0
10			77.00%	1
11			66.00%	1
12			56.00%	0
13			69.00%	1
14			77.00%	1
15			72.00%	1
16			81.00%	1
17			71.00%	1
18			59.00%	0
19			77.00%	1
20			67.00%	1
21			63.00%	0
22			66.00%	1
23			85.00%	1
24			84.00%	1
25			84.00%	1
26			70.00%	1
27			71.00%	1
28			69.00%	1
29			63.00%	0
30			64.00%	0
31			71.00%	1
32			70.00%	1
33			66.00%	1
34			78.00%	1
35			58.00%	0
				27
				77.14%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 8: Analyze methods, materials, and equipment used in construction processes.

AIC Exam Results (Indirect Assessment)
National Average = 71%
Objective - 70% of students meet or exceed 66%

Results: **68.57% of students met or exceeded 66%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	66%
1			72.00%	1
2			64.00%	0
3			85.00%	1
4			69.00%	1
5			73.00%	1
6			79.00%	1
7			67.00%	1
8			71.00%	1
9			53.00%	0
10			72.00%	1
11			76.00%	1
12			59.00%	0
13			73.00%	1
14			81.00%	1
15			64.00%	0
16			83.00%	1
17			73.00%	1
18			64.00%	0
19			78.00%	1
20			71.00%	1
21			65.00%	0
22			65.00%	0
23			80.00%	1
24			86.00%	1
25			83.00%	1
26			63.00%	0
27			71.00%	1
28			65.00%	0
29			63.00%	0
30			72.00%	1
31			71.00%	1
32			78.00%	1
33			68.00%	1
34			77.00%	1
35			65.00%	0
				24
				68.57%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 9: Apply construction management skills as a member of a multidisciplinary team.

AIC Exam Results (Not Applicable)
National Average = 69%
Objective - 70% of students meet or exceed 64%

Results: **74.29% of students met or exceeded 64%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	64%
1			64.00%	1
2			69.00%	1
3			76.00%	1
4			64.00%	1
5			65.00%	1
6			75.00%	1
7			62.00%	0
8			62.00%	0
9			51.00%	0
10			71.00%	1
11			75.00%	1
12			53.00%	0
13			60.00%	0
14			82.00%	1
15			64.00%	1
16			80.00%	1
17			67.00%	1
18			53.00%	0
19			67.00%	1
20			58.00%	0
21			65.00%	1
22			65.00%	1
23			78.00%	1
24			67.00%	1
25			84.00%	1
26			53.00%	0
27			64.00%	1
28			64.00%	1
29			69.00%	1
30			62.00%	0
31			67.00%	1
32			71.00%	1
33			64.00%	1
34			73.00%	1
35			64.00%	1
				26
				74.29%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 10: Apply electronic-based technology to manage the construction process

AIC Exam Results (Not Applicable)
National Average = 71%
Objective - 70% of students meet or exceed 66%

Results: **45.71% of students met or exceeded 66%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	66%
1			64.00%	0
2			69.00%	1
3			76.00%	1
4			64.00%	0
5			65.00%	0
6			75.00%	1
7			62.00%	0
8			62.00%	0
9			51.00%	0
10			71.00%	1
11			75.00%	1
12			53.00%	0
13			60.00%	0
14			82.00%	1
15			64.00%	0
16			80.00%	1
17			67.00%	1
18			53.00%	0
19			67.00%	1
20			58.00%	0
21			65.00%	0
22			65.00%	0
23			78.00%	1
24			67.00%	1
25			84.00%	1
26			53.00%	0
27			64.00%	0
28			64.00%	0
29			69.00%	1
30			62.00%	0
31			67.00%	1
32			71.00%	1
33			64.00%	0
34			73.00%	1
35			64.00%	0
				16
				45.71%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 11: Apply basic surveying techniques for construction layout and control

AIC Exam Results (Not Applicable)
National Average = 74%
Objective - 70% of students meet or exceed 69%

Results: **82.86% of students met or exceeded 69%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	69%
1			69.00%	1
2			55.00%	0
3			97.00%	1
4			59.00%	0
5			69.00%	1
6			86.00%	1
7			66.00%	0
8			90.00%	1
9			62.00%	0
10			83.00%	1
11			72.00%	1
12			79.00%	1
13			69.00%	1
14			72.00%	1
15			79.00%	1
16			76.00%	1
17			86.00%	1
18			72.00%	1
19			93.00%	1
20			72.00%	1
21			62.00%	0
22			69.00%	1
23			86.00%	1
24			93.00%	1
25			86.00%	1
26			72.00%	1
27			76.00%	1
28			79.00%	1
29			69.00%	1
30			79.00%	1
31			79.00%	1
32			72.00%	1
33			69.00%	1
34			90.00%	1
35			62.00%	0
				29
				82.86%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 12: Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.

AIC Exam Results (Indirect Assessment)
National Average = 72%
Objective - 70% of students meet or exceed 67%

Results: **60.00% of students met or exceeded 67%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	67%
1			69.00%	1
2			65.00%	0
3			85.00%	1
4			65.00%	0
5			77.00%	1
6			85.00%	1
7			73.00%	1
8			73.00%	1
9			54.00%	0
10			73.00%	1
11			65.00%	0
12			58.00%	0
13			73.00%	1
14			69.00%	1
15			54.00%	0
16			69.00%	1
17			54.00%	0
18			65.00%	0
19			62.00%	0
20			69.00%	1
21			73.00%	1
22			69.00%	1
23			73.00%	1
24			85.00%	1
25			92.00%	1
26			42.00%	0
27			65.00%	0
28			62.00%	0
29			50.00%	0
30			69.00%	1
31			79.00%	1
32			72.00%	1
33			69.00%	1
34			90.00%	1
35			62.00%	0
				21
				60.00%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 13: Understand construction risk management.

AIC Exam Results (Indirect Assessment)
National Average = 74%
Objective - 70% of students meet or exceed 69%

Results: **71.43% of students met or exceeded 69%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	69%
1			81.00%	1
2			70.00%	1
3			74.00%	1
4			74.00%	1
5			70.00%	1
6			84.00%	1
7			63.00%	0
8			60.00%	0
9			63.00%	0
10			79.00%	1
11			72.00%	1
12			65.00%	0
13			72.00%	1
14			77.00%	1
15			53.00%	0
16			88.00%	1
17			56.00%	0
18			65.00%	0
19			72.00%	1
20			74.00%	1
21			81.00%	1
22			84.00%	1
23			86.00%	1
24			81.00%	1
25			91.00%	1
26			67.00%	0
27			70.00%	1
28			65.00%	0
29			65.00%	0
30			77.00%	1
31			74.00%	1
32			79.00%	1
33			81.00%	1
34			70.00%	1
35			70.00%	1
				25
				71.43%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 14: Understand construction accounting and cost control.

AIC Exam Results (Indirect Assessment)
National Average = 68%
Objective - 70% of students meet or exceed 63%

Results: **77.14% of students met or exceeded 63%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	63%
1			70.00%	1
2			73.00%	1
3			80.00%	1
4			66.00%	1
5			86.00%	1
6			82.00%	1
7			63.00%	1
8			59.00%	0
9			38.00%	0
10			84.00%	1
11			68.00%	1
12			45.00%	0
13			68.00%	1
14			80.00%	1
15			71.00%	1
16			75.00%	1
17			59.00%	0
18			66.00%	1
19			70.00%	1
20			59.00%	0
21			68.00%	1
22			59.00%	0
23			80.00%	1
24			77.00%	1
25			79.00%	1
26			63.00%	1
27			63.00%	1
28			57.00%	0
29			71.00%	1
30			71.00%	1
31			66.00%	1
32			64.00%	1
33			64.00%	1
34			71.00%	1
35			48.00%	0
				27
				77.14%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 15: Understand construction quality assurance and control.

AIC Exam Results (Indirect Assessment)
National Average = 69%
Objective - 70% of students meet or exceed 64%

Results: **80.00% of students met or exceeded 64%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	64%
1			73.00%	1
2			68.00%	1
3			82.00%	1
4			77.00%	1
5			77.00%	1
6			77.00%	1
7			77.00%	1
8			73.00%	1
9			59.00%	0
10			77.00%	1
11			68.00%	1
12			68.00%	1
13			82.00%	1
14			73.00%	1
15			64.00%	1
16			82.00%	1
17			73.00%	1
18			50.00%	0
19			64.00%	1
20			73.00%	1
21			59.00%	0
22			59.00%	0
23			68.00%	1
24			77.00%	1
25			86.00%	1
26			59.00%	0
27			68.00%	1
28			59.00%	0
29			73.00%	1
30			73.00%	1
31			82.00%	1
32			86.00%	1
33			77.00%	1
34			73.00%	1
35			59.00%	0
				28
				80.00%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 16: Understand construction project control processes.

AIC Exam Results (Indirect Assessment)
National Average = 76%
Objective - 70% of students meet or exceed 71%

Results: **60.00% of students met or exceeded 71%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	71%
1			84.00%	1
2			78.00%	1
3			88.00%	1
4			80.00%	1
5			82.00%	1
6			90.00%	1
7			68.00%	0
8			78.00%	1
9			62.00%	0
10			86.00%	1
11			76.00%	1
12			50.00%	0
13			80.00%	1
14			78.00%	1
15			60.00%	0
16			84.00%	1
17			64.00%	0
18			66.00%	0
19			80.00%	1
20			70.00%	0
21			64.00%	0
22			68.00%	0
23			84.00%	1
24			80.00%	1
25			90.00%	1
26			68.00%	0
27			70.00%	0
28			64.00%	0
29			66.00%	0
30			76.00%	1
31			74.00%	1
32			76.00%	1
33			78.00%	1
34			74.00%	1
35			66.00%	0
				21
				60.00%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 17: Understand the legal implications of contract, common, and regulatory law to manage a construction project.

AIC Exam Results (Indirect Assessment)
National Average = 73%
Objective - 70% of students meet or exceed 68%

Results: **68.57% of students met or exceeded 68%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	68%
1			79.00%	1
2			72.00%	1
3			87.00%	1
4			72.00%	1
5			85.00%	1
6			79.00%	1
7			74.00%	1
8			67.00%	0
9			51.00%	0
10			82.00%	1
11			72.00%	1
12			44.00%	0
13			87.00%	1
14			85.00%	1
15			67.00%	0
16			79.00%	1
17			62.00%	0
18			59.00%	0
19			82.00%	1
20			74.00%	1
21			82.00%	1
22			64.00%	0
23			90.00%	1
24			77.00%	1
25			87.00%	1
26			56.00%	0
27			64.00%	0
28			64.00%	0
29			69.00%	1
30			74.00%	1
31			77.00%	1
32			79.00%	1
33			72.00%	1
34			74.00%	1
35			67.00%	0
				24
				68.57%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 18: Understand the basic principles of sustainable construction

AIC Exam Results (Indirect Assessment)
National Average = 62%
Objective - 70% of students meet or exceed 57%

Results: **68.57% of students met or exceeded 57%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	57%
1			43.00%	0
2			71.00%	1
3			43.00%	0
4			43.00%	0
5			57.00%	1
6			71.00%	1
7			71.00%	1
8			71.00%	1
9			14.00%	0
10			57.00%	1
11			71.00%	1
12			57.00%	1
13			71.00%	1
14			86.00%	1
15			57.00%	1
16			43.00%	0
17			71.00%	1
18			57.00%	1
19			86.00%	1
20			43.00%	0
21			29.00%	0
22			43.00%	0
23			57.00%	1
24			86.00%	1
25			57.00%	1
26			57.00%	1
27			43.00%	0
28			29.00%	0
29			57.00%	1
30			57.00%	1
31			57.00%	1
32			57.00%	1
33			29.00%	0
34			71.00%	1
35			57.00%	1
				24
				68.57%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 19: Understand the basic principles of structural behavior.

AIC Exam Results (Indirect Assessment)
National Average = 71%
Objective - 70% of students meet or exceed 66%

Results: **54.29% of students met or exceeded 66%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	66%
1			68.00%	1
2			55.00%	0
3			86.00%	1
4			59.00%	0
5			64.00%	0
6			82.00%	1
7			68.00%	1
8			64.00%	0
9			55.00%	0
10			64.00%	0
11			82.00%	1
12			64.00%	0
13			82.00%	1
14			91.00%	1
15			59.00%	0
16			91.00%	1
17			77.00%	1
18			68.00%	1
19			64.00%	0
20			73.00%	1
21			55.00%	0
22			55.00%	0
23			68.00%	1
24			82.00%	1
25			82.00%	1
26			55.00%	0
27			73.00%	1
28			55.00%	1
29			59.00%	0
30			64.00%	0
31			64.00%	0
32			86.00%	1
33			55.00%	0
34			73.00%	1
35			73.00%	1
				19
				54.29%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student

Bowling Green State University

SLO 20: Understand the basic principles of mechanical, electrical and piping systems.

AIC Exam Results (Indirect Assessment)
National Average = 67%
Objective - 70% of students meet or exceed 62%

Results: **71.43% of students met or exceeded 62%**

Data Collection Semester: Spring 2018

Student Number	Actual Points	Possible Points	Percentage	62%
1			67.00%	1
2			72.00%	1
3			67.00%	1
4			56.00%	0
5			72.00%	1
6			56.00%	0
7			67.00%	1
8			78.00%	1
9			44.00%	0
10			83.00%	1
11			61.00%	0
12			78.00%	1
13			83.00%	1
14			67.00%	1
15			67.00%	1
16			78.00%	1
17			61.00%	0
18			50.00%	0
19			72.00%	1
20			72.00%	1
21			56.00%	0
22			61.00%	0
23			67.00%	1
24			89.00%	1
25			89.00%	1
26			67.00%	1
27			67.00%	1
28			72.00%	1
29			61.00%	0
30			83.00%	1
31			72.00%	1
32			67.00%	1
33			67.00%	1
34			72.00%	1
35			56.00%	0
				25
				71.43%

NOTE: The AIC test results matrix only provides percentage breakdown per SLO for each student