Bowling Green State University

Alumni Follow Up Survey (Indirect Assessment)

Data Collection Semester: Spr 2021

NOTE: Alumni Participants - Distribution by Graduation

1 to 5 years ago - 25 participants

6 to 10 years ago - 4 participants

11 or more years ago - 78 participants

TOTAL: 107 participants out of 953 recipients

	Student Learning Outcome	Results
1	Create written communications appropriate to the construction discipline.	**61.32% of alumni met or exceeded 70%**
2	Create oral presentations appropriate to the construction discipline.	**61.32% of alumni met or exceeded 70%**
3	Create a construction project safety plan.	**36.79% of alumni met or exceeded 70%**
4	Create construction project cost estimates.	**53.33% of alumni met or exceeded 70%**
5	Create construction project schedules	**62.26% of alumni met or exceeded 70%**
6	Analyze professional decisions based on ethical principles.	**61.90% of alumni met or exceeded 70%**
7	Analyze construction documents for planning and management of construction processes.	**70.48% of alumni met or exceeded 70%**
8	Analyze methods, materials, and equipment used in construction processes.	**62.86% of alumni met or exceeded 70%**
9	Apply construction management skills as a member of a multidisciplinary team.	**65.71% of alumni met or exceeded 70%**
10	Apply electronic-based technology to manage the construction process.	**47.62% of alumni met or exceeded 70%**
11	Apply basic surveying techniques for construction layout and control	**65.71% of alumni met or exceeded 70%**
12	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	**52.38% of alumni met or exceeded 70%**
13	Understand construction risk management.	**48.57% of alumni met or exceeded 70%**
14	Understand construction accounting and cost control.	**34.29% of alumni met or exceeded 70%**
15	Understand construction quality assurance and control.	**38.10% of alumni met or exceeded 70%**
16	Understand construction project control processes.	**46.67% of alumni met or exceeded 70%**
17	Understand the legal implications of contract, common, and regulatory law to manage a construction project.	**51.89% of alumni met or exceeded 70%**
18	Understand the basic principles of sustainable construction.	**31.13% of alumni met or exceeded 70%**
19	Understand the basic principles of structural behavior.	**67.92% of alumni met or exceeded 70%**
20	Understand the basic principles of mechanical, electrical and piping systems.	**39.62% of alumni met or exceeded 70%**

Bowling Green State University

SLO 1: Create written communications appropriate to the construction discipline

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **61.32% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	31			31
Moderately	34			34
Prepared	34			0
Somewhat	7			0
Not	0			0
TOTAL	106			
				65
				61.32%

Bowling Green State University

SLO 2: Create oral presentations appropriate to the construction discipline

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **61.32% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	20			20
Moderately	45			45
Prepared	23			0
Somewhat	15			0
Not	3			0
TOTAL	106			
				65
				61.32%

Bowling Green State University

SLO 3: Create a construction project safety plan.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **36.79% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	12			12
Moderately	27			27
Prepared	25			0
Somewhat	25			0
Not	17			0
TOTAL	106			
				39
				36.79%

Bowling Green State University

SLO 4: Create construction project cost estimates.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **53.33% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	25			25
Moderately	31			31
Prepared	28			0
Somewhat	15			0
Not	6			0
TOTAL	105			
				56
				53.33%

Bowling Green State University

SLO 5: Create construction project schedules

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **62.26% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	31			31
Moderately	35			35
Prepared	18			0
Somewhat	19			0
Not	3			0
TOTAL	106			
				66
				62.26%

Bowling Green State University

SLO 6: Analyze professional decisions based on ethical principles.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **61.90% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	30			30
Moderately	35			35
Prepared	29			0
Somewhat	9			0
Not	2			0
TOTAL	105			
				65
				61.90%

Bowling Green State University

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

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **70.48% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	32			32
Moderately	42			42
Prepared	18			0
Somewhat	12			0
Not	1			0
TOTAL	105			
				74
				70.48%

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

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **62.86% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	29			29
Moderately	37			37
Prepared	24			0
Somewhat	13			0
Not	2			0
TOTAL	105			
				66
				62.86%

Bowling Green State University

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

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **65.71% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	28			28
Moderately	41			41
Prepared	23			0
Somewhat	12			0
Not	1			0
TOTAL	105			
				69
				65.71%

Bowling Green State University

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

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **47.62% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	21			21
Moderately	29			29
Prepared	30			0
Somewhat	16			0
Not	9			0
TOTAL	105			
				50
				47.62%

Bowling Green State University

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

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **65.71% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	31			31
Moderately	38			38
Prepared	23			0
Somewhat	9			0
Not	4			0
TOTAL	105			
				69
				65.71%

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.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **52.38% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	23			23
Moderately	32			32
Prepared	33			0
Somewhat	14			0
Not	3			0
TOTAL	105			
				55
				52.38%

Bowling Green State University

SLO 13: Understand construction risk management.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **48.57% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	16			16
Moderately	35			35
Prepared	25			0
Somewhat	22			0
Not	7			0
TOTAL	105			
				51
				48.57%

Bowling Green State University

SLO 14: Understand construction accounting and cost control.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **34.29% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	9			9
Moderately	27			27
Prepared	30			0
Somewhat	28			0
Not	11			0
TOTAL	105			
				36
				34.29%

Bowling Green State University

SLO 15: Understand construction quality assurance and control.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **38.10% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	15			15
Moderately	25			25
Prepared	36			0
Somewhat	27			0
Not	2			0
TOTAL	105			
				40
				38.10%

Bowling Green State University

SLO 16: Understand construction project control processes.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **46.67% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	15			15
Moderately	34			34
Prepared	29			0
Somewhat	25			0
Not	2			0
TOTAL	105			
				49
				46.67%

Bowling Green State University

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

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **51.89% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	22			22
Moderately	33			33
Prepared	23			0
Somewhat	17			0
Not	11			0
TOTAL	106			
				55
				51.89%

Bowling Green State University

SLO 18: Understand the basic principles of sustainable construction

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **31.13% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	14			14
Moderately	19			19
Prepared	29			0
Somewhat	25			0
Not	19			0
TOTAL	106			
				33
				31.13%

Bowling Green State University

SLO 19: Understand the basic principles of structural behavior.

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **67.92% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	38			38
Moderately	34			34
Prepared	27			0
Somewhat	7			0
Not	0			0
TOTAL	106			
				72
				67.92%

Bowling Green State University

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

Alumni Survey (Indirect Assessment)
Objective - 70% of students meet or exceed 70%

Results: **39.62% of alumni met or exceeded 70%**

Data Collection Semester: SPR 2021

Answer	Responses			70%
Highly	11			11
Moderately	31			31
Prepared	21			0
Somewhat	29			0
Not	14			0
TOTAL	106			
				42
				39.62%