

Bowling Green State University										
SLO DIRECT ASSESSMENT: Course Data for Spring 2018 thru Spring 2023										
Student Learning Outcome	Spring 2018	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022
	Direct Assessments from Coursework	Direct Assessments from Coursework	Direct Assessments from Coursework	Direct Assessments from Coursework	Direct Assessments from Coursework	Direct Assessments from Coursework	Direct Assessments from Coursework	Direct Assessments from Coursework	Direct Assessments from Coursework	Direct Assessments from Coursework
1 Create written communications appropriate to the construction discipline.	1)80.56% of students met or exceeded 70% 2) 100% of the students met or exceeded 70%	1)54.17% of students met or exceeded 70% 2) 87.50% of students met or exceeded 70%	1)90.00% of students met or exceeded 70% 2) 100% of students met or exceeded 70%	70.83% of students met or exceeded 70%	63.83% of students met or exceeded 70%	72.22% of students met or exceeded 70%	Course not offered in Spring Semester	92.68% of students met or exceeded 70%	Course not offered in Spring Semester	97.87% of students met or exceeded 70%
2 Create oral presentations appropriate to the construction discipline.	95.56% of the students met or exceeded 70%	96.67% of students met or exceeded 70%	100% of students met or exceeded 70%	72.73% of students met or exceeded 70%	No Data Obtained Due to COVID-19.	100% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	96.55% of students met or exceeded 70%	100% of students met or exceeded 70%
3 Create a construction project safety plan.	100% of students met or exceeded 70%	87.50% of students met or exceeded 70%	100% of students met or exceeded 70%	96.55% of students met or exceeded 70%	90.00% of students met or exceeded 70%	92.86% of students met or exceeded 70%	Course not offered in Spring Semester	95.45% of students met or exceeded 70%	Course not offered in Spring Semester	97.62% of students met or exceeded 70%
4 Create construction project cost estimates.	88.57% of students met or exceeded 70%	91.67% of students met or exceeded 70%	100% of students met or exceeded 70%	95.83% of students met or exceeded 70%	87.23% of students met or exceeded 70%	97.22% of students met or exceeded 70%	Course not offered in Spring Semester	80.49% of students met or exceeded 70%	Course not offered in Spring Semester	95.65% of students met or exceeded 70%
5 Create construction project schedules	95.45% of students met or exceeded 70%	100% of students met or exceeded 70%	95.45% of students met or exceeded 70%	95.83% of students met or exceeded 70%	95.83% of students met or exceeded 70%	78.95% of students met or exceeded 70%	Course not offered in Spring Semester	81.40% of students met or exceeded 70%	Course not offered in Spring Semester	100% of students met or exceeded 70%
6 Analyze professional decisions based on ethical principles.	100% of students met or exceeded 70%	61.11% of students met or exceeded 70%	26.67% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	Course not offered in Fall Semester	95.16% of students met or exceeded 70%	Course not offered in Fall Semester	65.85% of students met or exceeded 70%	Course not offered in Fall Semester
7 Analyze construction documents for planning and management of construction processes.	87.23% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	97.96% of students met or exceeded 70%	92.86% of students met or exceeded 70%	82.35% of students met or exceeded 70%	100% of students met or exceeded 70%	88.10% of students met or exceeded 70%	82.50% of the students met or exceeded 70%	92.31% of students met or exceeded 70%
8 Analyze methods, materials, and equipment used in construction processes.	80% of the students met or exceeded 70%	78.95% of students met or exceeded 70%	71.43% of students met or exceeded 70%	47.62% of students met or exceeded 70%	88.57% of students met or exceeded 70%	Course not offered in Fall Semester	97.83% of students met or exceeded 70%	90.91% of students met or exceeded 70%	97.06% of students met or exceeded 70%	Course not offered in Fall Semester
9 Apply construction management skills as a member of a multidisciplinary team.	61.29% of the students met or exceeded 70%	100% of students met or exceeded 70%	78.26% of students met or exceeded 70%	81.82% of students met or exceeded 70%	90.00% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%
10 Apply electronic-based technology to manage the construction process.	No Data for this semester (3200/4590 transition)	96.92% of students met or exceeded 70%	100% of students met or exceeded 70%	78.26% of students met or exceeded 70%	79.17% of students met or exceeded 70%	Course not offered Fall Semester	56.25% of students met or exceeded 70%	Course not offered in Fall Semester	54.05% of students met or exceeded 70%	Course not offered in Fall Semester
11 Apply basic surveying techniques for construction layout and control	92.31% of students met or exceeded 70%	100% of students met or exceeded 70%	90.00% of students met or exceeded 70%	71.43% of students met or exceeded 70%	69.57% of students met or exceeded 70%	67.86% of students met or exceeded 70%	73.08% of students met or exceeded 70%	58.82% of students met or exceeded 70%	Course not offered in Spring Semester	74.51% of students 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.	66.67% of students met or exceeded 70%	100% of students met or exceeded 70%	60.00% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	Course not offered in Fall Semester	85.48% of students met or exceeded 70%	Course not offered in Fall Semester	75.61% of students met or exceeded 70%	Course not offered in Fall Semester
13 Understand construction risk management.	No Data	88.89% of students met or exceeded 70%	No Data	No Data	63.64% of students met or exceeded 70%	Course not offered in Fall Semester	96.77% of students met or exceeded 70%	Course not offered in Fall Semester	78.05% of students met or exceeded 70%	Course not offered in Fall Semester
14 Understand construction accounting and cost control.	80% of students met or exceeded 70%	72.00% of students met or exceeded 70%	80.95% of students met or exceeded 70%	66.67% of students met or exceeded 70%	74.47% of students met or exceeded 70%	97.22% of students met or exceeded 70%	93.75% of students met or exceeded 70%	Course not offered in Fall Semester	89.19% of students met or exceeded 70%	Course not offered in Fall Semester
15 Understand construction quality assurance and control.	66.67% of students met or exceeded 70%	64.71% of students met or exceeded 70%	83.33% of students met or exceeded 70%	80.00% of students met or exceeded 70%	76.47% of students met or exceeded 70%	Course not offered in Fall Semester	91.80% of students met or exceeded 70%	Course not offered in Fall Semester	80.33% of the students met or exceeded 70%	Course not offered in Fall Semester
16 Understand construction project control processes.	94.44% of students met or exceeded 70%	87.50% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	100% of students met or exceeded 70%	28.95% of students met or exceeded 70%	Course not offered in Spring Semester	46.51% of students met or exceeded 70%	Course not offered in Spring Semester	100% of students met or exceeded 70%
17 Understand the legal implications of contract, common, and regulatory law to manage a construction project.	91.67% of students met or exceeded 70%	89.47% of students met or exceeded 70%	46.67% of students met or exceeded 70%	75.00% of students met or exceeded 70%	91.43% of students met or exceeded 70%	Course not offered in Fall Semester	66.13% of students met or exceeded 70%	Course not offered in Fall Semester	87.37% of students met or exceeded 70%	Course not offered in Fall Semester
18 Understand the basic principles of sustainable construction.	79.35% of students met or exceeded 70%	88.89% of students met or exceeded 70%	76.00% of students met or exceeded 70%	83.33% of students met or exceeded 70%	93.26% of students met or exceeded 70%	92.65% of students met or exceeded 70%	95.59% of students met or exceeded 70%	91.78% of students met or exceeded 70%	94.29% of students met or exceeded 70%	70.59% of students met or exceeded 70%
19 Understand the basic principles of structural behavior.	56.67% of the students met or exceeded 70%	45.83% of students met or exceeded 70%	61.54% of students met or exceeded 70%	61.67% of students met or exceeded 70%	84.21% of students met or exceeded 70%	90.63% of students met or exceeded 70%	53.85% of students met or exceeded 70%	95.65% of students met or exceeded 70%	82.14% of the students met or exceeded 70%	70.00% of students met or exceeded 70%
20 Understand the basic principles of mechanical, electrical and piping systems.	80.00% of students met or exceeded 70%	100% of students met or exceeded 70%	95.83% of students met or exceeded 70%	79.17% of students met or exceeded 70%	81.82% of students met or exceeded 70%	Course not offered in Fall Semester	92.31% of students met or exceeded 70%	Course not offered in Fall Semester	96.61% of students met or exceeded 70%	Course not offered in Fall Semester