Bowling Green State University

SLO DIRECT ASSESSMENT: Course Data for Spring 2017 thru Spring 2021

Student Learning Outcome	Spring 2017 Direct Assessments from Coursework	Fall 2017 Direct Assessments from Coursework	Spring 2018 Direct Assessments from Coursework	Fall 2018 Direct Assessments from Coursework	Spring 2019 Direct Assessments from Coursework	Fall 2019 Direct Assessments from Coursework	Spring 2020 Direct Assessments from Coursework	Fall 2020 Direct Assessments from Coursework	Spring 2021 Direct Assessments from Coursework
1. Create written communications appropriate to the construction discipline.	100% of the students met or exceeded 70%	1) 91% of students met or exceeded 70% 2) 88.28% of the students met or exceeded 70%	1)86.56% of students met or exceeded 70% 2) 100% of the students met or exceeded 70%	1)64.17% of students met or exceeded 70% 2) 87.50% of students met or exceeded 70%	1)90.98% of students met or exceeded 70% 2) 100.00% 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
2. Create oral presentations appropriate to the construction discipline.	84.21% of the students met or exceeded 70%	100% of the students met or exceeded 70%	95.56% of the students met or exceeded 70%	96.67% of students met or exceeded 70%	100.00% of students met or exceeded 70%	72.78% of students met or exceeded 70%	No Data Obtained Due to COVID-19.	100.00% of students met or exceeded 70%	100.00% of students met or exceeded 70%
3. Create a construction project safety plan.	100% of students met or exceeded 70%	92% of students met or exceeded 70%	100% of students met or exceeded 70%	87.50% of students met or exceeded 70%	100.00% 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
4. Create construction project cost estimates.	100% of students met or exceeded 70%	96.12% of students met or exceeded 70%	86.67% of students met or exceeded 70%	91.67% of students met or exceeded 70%	100.00% of students met or exceeded 70%	95.88% 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
5. Create construction project schedules	100% of students met or exceeded 70%	100% of students met or exceeded 70%	95.45% of students met or exceeded 70%	100.00% of students met or exceeded 70%	95.45% of students met or exceeded 70%	95.88% 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
6. Analyze professional decisions based on ethical principles.	65.22% of students met or exceeded 70%	98.91% of students met or exceeded 70%	100% of students met or exceeded 70%	61.11% of students met or exceeded 70%	26.67% of students met or exceeded 70%	100.00% of students met or exceeded 70%	100% of students met or exceeded 70%	Course not offered fall Semester	95.16% of students met or exceeded 70%
7. Analyze construction documents for planning and management of construction activities.	100.00% of students met or exceeded 70%	96.08% of students met or exceeded 70%	97.23% of students met or exceeded 70%	100.00% of students met or exceeded 70%	100.00% 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%	100.00% of students met or exceeded 70%
8. Analyze methods, materials, and equipment used in construction processes.	____% of the students met or exceeded 70%	72.22% of the students met or exceeded 70%	85% 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%	88.37% of students met or exceeded 70%	Course not offered fall Semester	97.83% of students met or exceeded 70%
9. Apply construction management skills as a member of a multidisciplinary team.	74.19% of the students met or exceeded 70%	57.14% of the students met or exceeded 70%	61.29% of the students met or exceeded 70%	100.00% 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%	100.00% of students met or exceeded 70%	100.00% of students met or exceeded 70%
10. Apply electronic-based technology to manage the construction process.	76% of the students met or exceeded 70%	95.83% of the students met or exceeded 70%	No Data for this semester (3200/4590 transition)	96.92% of students met or exceeded 70%	100.00% 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%
11. Apply basic surveying techniques for construction layout and control	90.48% of students met or exceeded 70%	81.25% of students met or exceeded 70%	92.31% of students met or exceeded 70%	100.00% 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%
12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	69.52% of students met or exceeded 70%	45.45% of students met or exceeded 70%	66.67% of students met or exceeded 70%	100.00% of students met or exceeded 70%	60.00% of students met or exceeded 70%	100.00% of students met or exceeded 70%	100.00% of students met or exceeded 70%	Course not offered fall Semester	85.48% of students met or exceeded 70%
13. Understand construction risk management.	69.44% of students met or exceeded 70%	1) 90.91% of students met or exceeded 70% 2) 46.15% of students met or exceeded 70%	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 fall Semester	96.77% of students met or exceeded 70%
14. Understand construction accounting and cost control.	____% of students met or exceeded 70%	61.11% of students met or exceeded 70%	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%
15. Understand construction quality assurance and control.	____% of the students met or exceeded 70%	65% of the students met or exceeded 70%	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 fall Semester	91.80% of students met or exceeded 70%
16. Understand construction project control processes.	87.50% of students met or exceeded 70%	100.00% of students met or exceeded 70%	94.44% of students met or exceeded 70%	87.50% of students met or exceeded 70%	100.00% of students met or exceeded 70%	100.00% of students met or exceeded 70%	100.00% of students met or exceeded 70%	28.95% of students met or exceeded 70%	Course not offered in Spring Semester
17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.	66.66% of students met or exceeded 70%	95.45% of students met or exceeded 70%	91.67% of students met or exceeded 70%	89.47% of students met or exceeded 70%	66.67% of students met or exceeded 70%	75.00% of students met or exceeded 70%	91.49% of students met or exceeded 70%	Course not offered fall Semester	66.13% of students met or exceeded 70%
18. Understand the basic principles of sustainable construction.	69.33% of students met or exceeded 70%	57.58% of students met or exceeded 70%	79.16% 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%
19. Understand the basic principles of structural behavior.	39.41% of the students met or exceeded 70%	36.36% of the students met or exceeded 70%	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%
20. Understand the basic principles of mechanical, electrical and piping systems.	96.00% of students met or exceeded 70%	96.77% of students met or exceeded 70%	80.00% of students met or exceeded 70%	100.00% 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 fall Semester	92.31% of students met or exceeded 70%