

BGSU Student Achievement Assessment Committee (SAAC) Short-Form Assessment Report

Program: *Construction Management*

Submitted By (Name & Date): *Arsenio Rodrigues – 09/11/2018*

Academic Year (Summer, Fall, and Spring): *Fall 2018*

A. Program Learning Outcome(s) Assessed (these should be observable and measureable)	B. Method & Procedure*(see details below)								C. Expectations for Student Achievement (indicate the target level of achievement, goals, or standards used for each measure or assessment)	D. Results (% of Students Within Each Category) ² (provide results of each assessment method; report how well students performed in relation to target level of achievement)		
	Who (provide information about who completed the assessment for the corresponding program learning outcome)		Type (Direct measures ¹ assess student achievement of LOs, e.g., projects, papers, exams, a prescribed formalized test, or other program requirements, e.g., portfolio. Indirect measures assess thoughts about LOs, e.g., surveys or focus groups.)		Embedded Assessment (data are embedded as part of the requirement for a course)		Capstone (data are collected within a capstone class/assignment; a capstone is a culminating experience that integrates and applies learning)			% Did Not Meet	% Met	% Exceeded
	# of Students	Class/ Course Level	Direct (preferred)	Indirect	Yes	No	Yes	No				
<p><i>Apply construction management skills that include cost estimating and control, construction scheduling, construction safety, construction document reading, construction methods and materials, ethics in construction, construction technical skills, and computer applications in construction</i></p> <p><i>Note: This program learning outcome is mapped with the ACCE SLO - 9 (Apply construction management skills as a member of a multidisciplinary team)</i></p>	32	<i>Seniors; CONS 4700</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p><i>Faculty – Course Self Evaluation Report (Page 5): We expected that faculty would indicate that students will have achieved a score of 3 or higher (rating of average to very high) on the assessment.</i></p> <p><i>Graduating Student Exit Report (Page 2): We expected that 70% of students would indicate that they were prepared at a high to very high level for the ACCE SLO on the assessment.</i></p>	-	100%	N/A
									34%	66%	N/A	

¹ Often direct measures are embedded within the course. However, for some accreditations, such as teaching, not all assessments are embedded.

² You may include tables, charts, or other visuals to highlight key findings, as appropriate. Each program has the option of using rubrics in Canvas to assess Learning Outcomes. If Canvas is used to collect assessment data, the Office of Academic Assessment can pull assessment reports for the program upon request. Please contact Jessica Tuross (jmtuross@bgsu.edu) if you are interested in using Canvas as a collection method for program assessment data.

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<p><i>Exhibit construction business skills that include construction financing, business management, and personnel management</i></p> <p><i>Note: This program learning outcome is mapped with the ACCE SLO - 14 (Understand construction accounting and cost control)</i></p>	25	Seniors; CONS 4350	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p><i>Faculty – Course Self Evaluation Report (Page 4): We expected that faculty would indicate that students will have achieved a score of 3 or higher (rating of average to very high) on the assessment.</i></p> <p><i>Graduating Student Exit Report (Page 2): We expected that 70% of students would indicate that they were prepared at a high to very high level for the ACCE SLO on the assessment.</i></p>	-	100%	N/A
<p><i>Communicate effectively in oral presentations, writing technical reports, and critiquing the work of others</i></p> <p><i>Note: This program learning outcome is mapped with the ACCE SLO - 1 (Create written communications appropriate to the construction discipline)</i></p>	15	Seniors; CONS 3180	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p><i>Faculty – Course Self Evaluation Report (Page 3): We expected that faculty would indicate that students will have achieved a score of 3 or higher (rating of average to very high) on the assessment.</i></p> <p><i>Graduating Student Exit Report (Page 2): We expected that 70% of students would indicate that they were prepared at a high to very high level for the ACCE SLO on the assessment.</i></p>	-	100%	N/A

***Please list one course per line.*

***B. Method & Procedure Explanation:** Provide a brief description of the assessment(s) and rubric(s) used to illustrate how expectations for student achievement are defined or attach a copy. Check here if an attachment is included.

Beginning spring semester 2018, all faculty members prepared and submitted a “Course Self-Assessment” survey (see attached report) for each ACCE required course in the Construction Management Program. Beginning spring semester 2018, all graduating students were required to complete a “Graduating Student Exit Survey” at the departmental level, prior to the graduation ceremony (see attached report).

E. Actions Taken/Closing the Loop: Describe how the results have been shared with program faculty, and how they have provided input into decisions about curriculum improvements. Describe the connection between assessment results and program changes. Are there any additional actions that have been taken regarding the previous year’s learning outcomes?

The assessment of learning culture of the Construction Management Program leans heavily on performance evaluations of students in the program as required for ACCE Accreditation. Overall assessment-related goals for the program includes: (1) Preparing students in learning outcomes listed in the twenty division of the ACCE SLO’s; (2) Increase student satisfaction with overall learning experience in the Construction Management Program; and (3) Increase student interest in pursuing professional certifications [i.e., Certified Construction Manager (CCM); American Institute of Constructors (AIC); Project Management Professional (PMP) Certification, etc.] in the US. Further, using BGSU’s institutional process for assessing program learning outcomes (PLOs) coordinated by the Office of Academic Assessment, the department will be loading the PLOs into the Canvas Learning Management System and will be using ACCE-related rubrics in Canvas as a collection method for program assessment data for Spring 2019. The “Course Self-Assessment” survey served as an important self-assessment tool for faculty to reflect on pedagogical attributes related with the preparation of

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students versus the 20 ACCE Student Learning Outcomes. Via qualitative data in the survey, faculty members will be encouraged to identify areas that require improvement and plan accordingly for the upcoming semester. This strategy will be repeated every semester. Results of the "Graduating Student Exit Survey" are being utilized to influence the structure and agenda of Departmental and School meetings. Through a comparison of faculty expectations combined with student perceptions, strengths and weaknesses are being identified and plans for improvement are being developed. This strategy will be repeated annually.