

**Assurance of Student Learning
2019-2020**

Ogden College

SEAS

Construction Management 533

Use this page to list learning outcomes, measurements, and summarize results for your program. Detailed information must be completed in the subsequent pages.

Student Learning Outcome 1: Graduates will demonstrate the skills of construction management competencies including estimating, planning, scheduling, project control, safety management, quality management and construction law.

Instrument 1	Based on internship host survey, at least 70% of our students will get ratings at or above very good in the “Technical Competence” survey question
Instrument 2	Based on a conducted employer survey (supervisor survey), at least 70% of our students will get ratings at or above very good in the “Technical Competence” survey question.
Instrument 3	

Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 1.	<u>Met</u>	Not Met
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Student Learning Outcome 2: Graduates will demonstrate their ability to prepare a real-world comprehensive construction management plan that integrates the use of standards and realistic contemporary constraints that may include control of health and safety issues, economics, and societal and global impacts.

Instrument 1	Based on a peer review of all final Senior Research projects, a committee of practicing professionals from the construction industry and faculty in related disciplines will find that at least 70% of our students meeting the goals of the project with ratings at or above “4” on a 5-point scale.
Instrument 2	
Instrument 3	

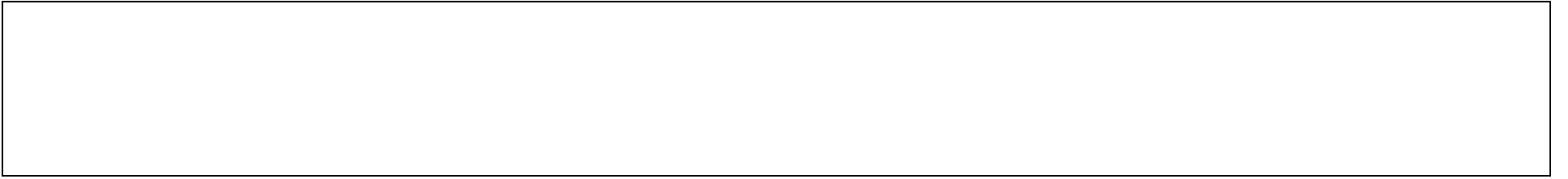
Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 2.	<u>Met</u>	Not Met
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Student Learning Outcome 3: Graduates will have managerial and leadership experience through working in teams to solve problems, and participation in required internships.

Instrument 1	Based on a peer review of all final Senior Research projects, by a committee of practicing professionals from the construction industry and faculty in related disciplines, at least 70% of our students will get ratings at or above “3” on a 5-point scale in the survey question on exhibiting fundamental managerial skills
Instrument 2	
Instrument 3	

Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 3.	<u>Met</u>	Not Met
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Program Summary (Briefly summarize the action and follow up items from your detailed responses on subsequent pages.)



Student Learning Outcome 1

Student Learning Outcome	Graduates will demonstrate the skills of construction management competencies including estimating, planning, scheduling, project control, safety management, quality management and construction law.		
Measurement Instrument 1	Based on internship host survey, at least 70% of our students will get ratings at or above very good in the “Technical Competence” survey question		
Criteria for Student Success	Senior research project		
Program Success Target for this Measurement	70%	Percent of Program Achieving Target	70%
Methods	Student presentation of their work on the project. Student submittal of financial analysis, design and project execution plan Construction Company representatives (Jury Panel) feedback on students’ work		
Measurement Instrument 2	Students will demonstrate an ability to communicate effectively using oral, written, graphic and visual applications pertinent to the construction industry.		
Criteria for Student Success	Estimating project, scheduling project, OSHA certificate		
Program Success Target for this Measurement	70%	Percent of Program Achieving Target	70%
Methods	Student presentation of their work on the project. Student submittal of estimates and work schedule Construction Company representatives (Jury Panel) feedback on students’ work		
Measurement Instrument 3	Students will demonstrate the knowledge and capacity to apply managerial/ leadership principles and practices to appropriate situations.		
Criteria for Student Success	Project Management class, contract administration class and Technology Management/supervision		
Program Success Target for this Measurement	70%	Percent of Program Achieving Target	70%
Methods	Internship employer evaluation		

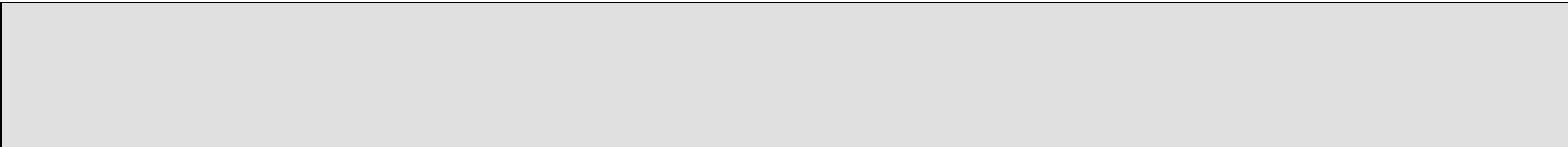
	Internship student evaluation Employer survey (supervisor survey),	
Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 1.	<u>Met</u>	Not Met
Actions (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)		
<p>Actions should be specific and preferably in past tense (e.g. try to avoid stating what you are “planning” to do). Examples of changes include: Content in one or more courses modified (list specific course(s)); one or more new courses created (list specific course(s)); change in course sequence (detail modifications); change in admission criteria (detail modifications); change in instructional methodology (detail modifications); change in student advisement process (detail modifications); program suspended; changes in instructional methodology; change of textbooks; facility changes (e.g. classroom modifications); introduction of technology (e.g. smart classrooms, computer facilities, etc.); faculty hires to fill a particular content need; faculty instructional training; development of a more refined assessment tool.</p>		
Follow-Up (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)		
<p>For program improvement, state explicitly how the actions above link to an improvement in student learning or in the measure used to assess student leaning. For example, “Pass rate on licensure exam improved from 75% to 90%,” Percentage of students scoring Good or Excellent on presentation increased from 60% to 80%,” “First time pass rate on Masters written exam increase from 80% to 95%,” etc. All changes need not lead to quantitative results. Feel free to use more qualitative indicators or observations as appropriate.</p>		

Student Learning Outcome 2

Student Learning Outcome	Graduates will demonstrate their ability to prepare a real-world comprehensive construction management plan that integrates the use of standards and realistic contemporary constraints that may include control of health and safety issues, economics, and societal and global impacts.				
Measurement Instrument 1	Based on a peer review of all final Senior Research projects, a committee of practicing professionals from the construction industry and faculty in related disciplines will find that at least 70% of our students meeting the goals of the project with ratings at or above “4” on a 5-point scale.				
Criteria for Student Success	Preparation for the job, and work productivity				
Program Success Target for this Measurement	70%	Percent of Program Achieving Target	70%		
Methods	Industry survey				
Measurement Instrument 2	Based on a conducted employer survey (supervisor survey), at least 70% of our students will get ratings at or above very good in the “Technical Competence” survey question.				
Criteria for Student Success	Quality of work, project management skills and time management				
Program Success Target for this Measurement	70%	Percent of Program Achieving Target	70%		
Methods					
Measurement Instrument 3					
Criteria for Student Success					
Program Success Target for this Measurement		Percent of Program Achieving Target			
Methods	Industry survey				
Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 2.			<table border="1"> <tr> <td align="center"><u>Met</u></td> <td align="center">Not Met</td> </tr> </table>	<u>Met</u>	Not Met
<u>Met</u>	Not Met				
Actions (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)					
Follow-Up (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)					

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Student Learning Outcome 3			
Student Learning Outcome	Graduates will have managerial and leadership experience through working in teams to solve problems, and participation in required internships.		
Measurement Instrument 1	Based on a peer review of all final Senior Research projects, by a committee of practicing professionals from the construction industry and faculty in related disciplines, at least 70% of our students will get ratings at or above “3” on a 5-point scale in the survey question on exhibiting fundamental managerial skills		
Criteria for Student Success			
Program Success Target for this Measurement	70%	Percent of Program Achieving Target	70%
Methods	Industry survey		
Measurement Instrument 2			
Criteria for Student Success			
Program Success Target for this Measurement		Percent of Program Achieving Target	
Methods			
Measurement Instrument 3			
Criteria for Student Success			
Program Success Target for this Measurement		Percent of Program Achieving Target	
Methods			
Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 3.			<u>Met</u>
Actions (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)			Not Met



Follow-Up (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)