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| **Assurance of Student Learning Report****2021-2022** |
| Ogden College | SEAS |
| ***Construction Management 533*** |
| ***Dr. Stacy Wilson / Bashar Haddad*** |

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| ***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 the internship host survey, at least 85% of our students will get ratings at or above very good in the “Technical Competence” survey question** |
| **Instrument 2** | **Based on a juried performance of all final Senior Research projects, a committee of practicing professionals from the construction industry and faculty in related disciplines at least 90% of our students meeting the goals of the project with ratings at or above “4” on a 5-point scale.** |
| **Based on your results, check whether the program met the goal of Student Learning Outcome 1.** | **[x]  Met** | **[ ]  Not Met** |
| **Student Learning Outcome 2: Upon graduation, our students have the ability to communicate effectively with a range of audiences** |
| **Instrument 1** | **Based on a juried performance 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 90% of our students meeting the goals of the project with ratings at or above “4” on a 5-point scale.** |
| **Instrument 2** | **Based on the internship host survey, at least 85% of our students will get ratings at or above very good in the “Technical Competence” survey question** |
| **Based on your results, check whether the program met the goal Student Learning Outcome 2.** | **[x]  Met** | **[ ]  Not Met** |
| **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 juried performance of all final Senior Research projects, by a committee of practicing professionals from the construction industry and faculty in related disciplines, at least 90% 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** | **Based on the internship host survey, at least 85% of our students will get ratings at or above very good in the survey question on exhibiting fundamental managerial skills** |
| **Based on your results, check whether the program met the goal of Student Learning Outcome 3.** | **[x]  Met** | **[ ]  Not Met** |
| **Program Summary (Briefly summarize the action and follow up items from your detailed responses on subsequent pages.)**  |
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| **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 the internship host survey, at least 85% of our students will get ratings at or above very good in the “Technical Competence”, “Preparation for this job”, “Work productivity”, “Quality of Work”, “Project management”, and “ Overall performance” survey question** |
| **Criteria for Student Success** | **Work on Estimating projects,****Work on scheduling projects,** **OSHA certificate****Effectively manage project activities**  |
| **Program Success Target for this Measurement** | **70%** | **Percent of Program Achieving Target** | **70%** |
| **Methods**  | Feedback from employers |
| **Measurement Instrument 2** | **Based on a juried performance of all final Senior Research projects, a committee of practicing professionals from the construction industry and faculty in related disciplines at least 90% of our students meeting the goals of the project with ratings at or above “4” on a 5-point scale**Students will demonstrate an ability to communicate effectively using oral, written, graphic and visual applications pertinent to the construction industry. |
| **Criteria for Student Success** |  Senior research project |
| **Program Success Target for this Measurement** | **70%** | **Percent of Program Achieving Target** | **85%** |
| **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 |
| **Actions** (Describe the decision-making process and actions for program improvement. The actions should include a timeline.) |
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| **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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| **Next Assessment Cycle Plan** (Please describe your assessment plan timetable for this outcome) |
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| **Student Learning Outcome 2** |
| **Student Learning Outcome**  | **Upon graduation, our students have the ability to communicate effectively with a range of audiences** |
| **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** |  |
| **Program Success Target for this Measurement** | **70%** | **Percent of Program Achieving Target** | 90% |
| **Methods**  | Juried performance  |
| **Measurement Instrument 2** | **Based on a conducted employer survey (supervisor survey), at least 85% of our students will get ratings at or above very good in the** **“Technical Competence” survey question.** |
| **Criteria for Student Success** | **Judgement, reation to being supervised, relation with clients, relation with co-workers, Quality of work, project management skills and time management** |
| **Program Success Target for this Measurement** | **70%** | **Percent of Program Achieving Target** | **85%** |
| **Methods** | Industry survey |
| **Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 2.** | **[x]  Met** | **[ ]  Not Met** |
| **Actions** (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.) |
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| **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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| **Next Assessment Cycle Plan** (Please describe your assessment plan timetable for this outcome) |
| When will this outcome be assessed again? It is perfectly fine to not assess every outcome every year; however, it is important to note *when* it will be assessed again. Please include the year this outcome will be assessed again, when and what data/artifacts will be collected, what courses will be sampled, and who will be responsible for collecting and providing data and information. |

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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 90% 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** | Critical thinking and team building/team work |
| **Program Success Target for this Measurement** | 70% | **Percent of Program Achieving Target** | 90% |
| **Methods**  |  |
| **Measurement Instrument 2** |  **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** | **Successful completion of the internship and submit the final report** |
| **Program Success Target for this Measurement** | **70%** | **Percent of Program Achieving Target** | **85%** |
| **Methods** | **Internship employer evaluation and faculty evaluation of the report** |
| **Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 3.** | **[x]  Met** | **[ ]  Not Met** |
| **Actions** (Describe the decision-making process and actions for program improvement. The actions should include a timeline.) |
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| **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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| **Next Assessment Cycle Plan** (Please describe your assessment plan timetable for this outcome) |
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