

BS in Construction Management

Annual Program Report

| | |
|---|---|
| Year: | 2021-2022 |
| Program: | Bachelor of Science in Construction Management |
| Contact Person (include email & phone#) | Dr. Seokyon Hwang (Seokyon.hwang; 409-880-7557) |

Summary of Continuous Improvement Efforts since Last Report

Provide a brief description of how assessment results have been used for program improvement. Point to a specific example of how an assessment provided the program with data it could use for improvement and what that improvement was, if possible, also show evidence of the improvement. You may look at data from the two previous academic years to support this case.

Respond here:

LG 1 – PSLO: Understand the basic principles of sustainable construction. The Program did not meet the target of a direct measure (CMGT 1320), which was due to a significant number of students who failed to complete the work used as a metric. Improvement effort implemented: Improved communication and increased time allocation. Class average score 7.92/10 (indirect measure) and Class average score 81.32% (direct measure)

Program Highlights Since Last Report

Identify and briefly discuss any programmatic curriculum changes made since the last report (e.g. new courses, course changes, SLO changes, course deletions).

Respond here:

No change was made.

Table 1. Assessment Results and Analyses for Current Cycle.

| STAGE 1: PLAN | | | | STAGE 2: DO | | STAGE 3: STUDY |
|---|--|------------------|---|--|-----------------------------|---|
| Departmental Student Learning Goal | Program Student Learning Outcome | Assessment | Assessment Method/Location | Benchmark Expectations | Data Results | Actions/Goals Based on Data Results* What do the data tell you? How will you use this data? How were data from the last cycle used to make changes during this cycle, and What were the results of those changes? |
| LG 1 Demonstrate proficiency with Construction Management Disciplines | Create a construction project safety plan. | Exit Interview | Measured using Exit Interview: Self Assessment of Student Learning Outcomes | The average score of class to be 7/10 or higher. | Class average score 8.54/10 | Target met |
| | | Student homework | CMGT 4370 | The average score of class to be 80/100 or higher. | Class average score 94.6% | Target met |

Create com of o %6

management of

| | | | | | | |
|--|--|---------------------------|---|---|-----------------------------|---|
| | | Student assignment | CMGT 4325 | The average score of the class is to be 80/100 or higher | Class average score 90.23% | Target met |
| | Understand construction risk management | Exit Interview | Measured using Exit Interview: Self Assessment of Student | The average score of class to be 7/10 or higher. | Class average score 7.62/10 | Target met |
| | | Student assignment | CMGT 4370 | The average score of class to be 80/100 or higher. | Class average score 94.70% | Target met |
| | Understand construction accounting and cost control | Exit Interview | Measured using Exit Interview: Self Assessment of Student | The average score of class to be 7/10 or higher. | Class average score 6.92/10 | Target unmet *Considering the two measures relevant to this metric, the evaluation score is acceptable |
| | | Student assignment – quiz | CMGT 4420 | The average score of the class is to be 80/100 or higher. | Class average score 85.30% | Target met |
| | Understand construction quality assurance and control. | Exit Interview | Measured using Exit Interview: Self Assessment of Student | The average score of class to be 7/10 or higher. | Class average score 7.62/10 | Target met |
| | | Student assignment | CMGT 4325 | The average score of the class is to be 80/100 or higher. | Class average score 80.42% | Target met |
| | Understand construction project control processes. | Exit Interview | Measured using Exit Interview: Self Assessment of Student | The average score of the class to be 7/10 or higher. | Class average score 7.69/10 | Target met |
| | | Student assignment | CMGT 4310 | The average score of the class is to be 80/100 or higher. | Class average score 87.65% | Target met |
| | Understand the legal implications of contract, common, and | Exit Interview | Measured using Exit Interview: Self | The average score of class to be 7/10 or higher | Class average score 6.31/10 | Target unmet |

regulatory law to
manage a
construction project

Assessment of
Student

| | | | | | | |
|---|--|---------------------------------------|-----------|---|-----------------------------|------------|
| cooperation, group problem solving and consensus building | | | | | | |
| | | Student assignment – Capstone Project | CMGT 4470 | The average score of the class is to be 80/100 or higher. | Class average score 84.50 % | Target met |

LG 3 Utilize critical thinking skills to identify, analyze and resolve complex issues and incorporate the ability to connect choices and ethical reasoning

| | | | | | | |
|--|--|--------------------------|--|-------------------------|--|--|
| | | Capstone Final Report | | be 80/100 or higher. | | |
|--|--|--------------------------|--|-------------------------|--|--|

Table 2. Continuous Improvement Results Since Last Report

| Stage 4: ACT | | |
|---|--|--|
| Actions/Goals Based on Data Results <i>*Copy last cycle's actions/goals and report on progress toward continuous improvement on those here.</i> | Status <i>C=Complete</i> <i>P=Progressing</i> <i>N=No Action Taken</i> | Discussion of Status <i>If C, describe efforts that led to accomplishment of actions/goals.</i> <i>If P, provide update on progress made toward accomplishing actions/goals and what tasks remain</i> <i>If N, discuss why action toward accomplishing actions/goals has been delayed and what work will be initiated toward accomplishment.</i> |

LG 1 – PSLO: Understand the basic principles of