

REPORT ON AY2022-2023 ACADEMIC ASSESSMENT

Submission date: 11/3/2023

Assessment Plan covered in the report: Construction Management AAS

College: Community and Technical College

Campuses where the program(s) is delivered: Anchorage KOD KPC MSC PWSC

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1. Please list and number the Program Student Learning Outcomes your program assessed in AY23.

For each outcome, indicate one of the following: Exceeded faculty expectations Met faculty

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11. Recognize basic safety hazards on a construction site and standard prevention measures. faculty expectations.

12. Recognize the basic principles of structural design. faculty expectations.

13. Recognize the basic principles of mechanical, electrical and piping systems. faculty expectations.

2. Describe your assessment process for these Program Student Learning Outcomes, including the collection of data, analysis of data, and (if applicable, e.g., advisory board) conversations around the findings. (1000 words or less)

The assessment process uses both direct and indirect assessment tools. Direct tools included results from exams and assignments. Student work was collected and analyzed. Performance criteria was established for each assessment tool (i.e. At least 70% of students earn a score of 80% or better). Results were tabulated for each FACULTY discussed results and considered any needs for change.

The indirect assessment tool applied was a Qualtrics survey sent to all graduating AAS students. There were only three students graduating with a CM AAS degree. This small number is a reflection of industry preference for CM BS graduates. Results of the survey show that a majority of students felt they were proficient in the program learning objectives.

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6. Do you have any information about how well these or other past improvements are working? Are they achieving their intended goals? Please include any data or assessment results that help you demonstrate this. (1000 words or less)

Changes made in AY21 to the sequence of structural courses resulted in improved scores on the Exam. AY20 students scored 69%. In AY22 students scored 78%; more than 10% higher than the national average.

The Mechanical, Electrical & Plumbing class is currently undergoing further refinement. It has undergone various improvements in the past. Between AY20 and AY22, results on the AIC Exam showed a 10% improvement, from 60% to 70%. It is hoped that improvements yield similar results.

In AY20, AutoCAD Civil 3D, was discontinued. It was used as a direct assessment for the use of electronic based technology. Bluebeam Revu was adopted and greater emphasis was placed on Excel. AIC results showed an improvement from 72% to 74% indicating that the program did not suffer from the loss of Civil 3D and students now use electronic based technology that is more responsive to industry needs.

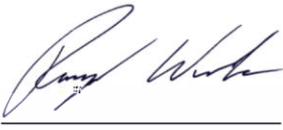
Although AAS students do not take the AIC Exam, AAS and BS students share classes.

DEAN SECTION (Due to the program on January 15)

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moving forward (200 words or less)

The program is still meeting both the Student Learning Outcomes and the ACCE requirements. I recommend that the faculty continue to find the changes needed to maintain the high level of accreditation earned by the program. Additionally, continue to the changes that are being

continued vigilance and focus on making sure the students are prepared for the industry and meeting the ACCE learning outcomes.

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Date: 2/9/2024