



Academic Program Assessment Report for AY 2018-2019

Program: Construction Management

(Due: June 1, 2019)

Date report completed: May 31, 2019

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Assessment contributors (other faculty involved): Md Islam

Please describe the 2018-2019 assessment activities and follow-up for your program below. Please complete this form for each undergraduate major, minor, certificate, and graduate program (e.g., B.A., B.S., M.S.) in your department. Please copy any addenda (e.g., rubrics) and paste them in this document, save and submit it to both the Dean of your college/school and to the Assistant Provost as an email attachment before June 1, 2018. You'll also find this form on the assessment website at <https://www.csupueblo.edu/assessment-and-student-learning/resources.html>. Thank you.

I. Assessment of Student Learning Outcomes (SLOs) in this cycle. Including processes, results, and recommendations for improved student learning. Use Column H to describe improvements planned for 2018-2019 based on the assessment process.

A. Which of the program SLOs were assessed during this cycle? Please include the outcome(s) verbatim from the assessment plan.	B. When was this SLO <u>last</u> assessed? (semester and year)	C. What method was used for assessing the SLO? Please include a copy of any rubrics used in the assessment process.	D. Who was assessed? Please fully describe the student group(s) and the number of students or artifacts involved.	E. What is the expected achievement level and how many or what proportion of students should be at that level?	F. What were the results of the assessment? Include the proportion of students meeting proficiency.	G. What were the department's conclusions about student performance?	H. What changes/improvements to the <u>program</u> are planned based on this assessment?
Outcome 1- Apply knowledge, techniques, skills and tools of the construction industry in construction	AY 2015/16	<input type="checkbox"/> Problem statement shows understanding of the problem <input type="checkbox"/> Solution procedure and methods are defined. <input type="checkbox"/> Problem solution is appropriate and within reasonable	CM 351 Students	-75% will attain 75%	- 90% attained 75%	The results of the data shows that the students are doing a good job in understanding the problem, finding solution methods, and solving the probelms	No Changes should be made. The strong and rigorous process should continue.

activities.		constraints					
Outcome 5- Communicate effectively regarding subjects related to construction activities	AY 2015/16	<input type="checkbox"/> Writing conforms to appropriate technical style <input type="checkbox"/> Appropriate usage of graphics <input type="checkbox"/> Grammar and editorial aspects <input type="checkbox"/> Oral: body language and clarity of speech	CM 475 Students	75% will attain 75%	100% attained 75%	The CM 475 is a one semester course in which the students are required to identify their capstone project's; scope of work, deliverables, details, required data collection and communications with the client. It was the consensus of the group that during a 15 week semester the tasks were difficult to complete. Especially in the area of client communication. It is recommended that the department evaluate the timing of the course and investigate a possibility of starting the class sooner.	Investigate the timing of the course as well as the possibility of offering a recourse such as a senior seminar course.

Comments on part I:

As both of the SLOs assessed during the 2018-2019 cycle exceed the expected achievement level, we will discuss the feasibility of raising the 'expected achievement level' in the upcoming faculty meeting.

II. Closing the Loop. Describe at least one data-informed change to your curriculum during the 2017-2018 cycle. These are those that were based on, or implemented to address, the results of assessment from previous cycles.

A. What SLO(s) did you address? Please include the outcome(s) verbatim from the assessment plan.	B. When was this SLO last assessed to generate the data which informed the change? Please indicate the semester and year.	C. What were the recommendations for change from the previous assessment?	D. How were the recommendations for change acted upon?	E. What were the results of the changes? If the changes were not effective, what are the next steps or the new recommendations?
Outcome 4- Function effectively as members or leaders on construction teams.	AY 2017/18	<input type="checkbox"/> Recognize participant roles in a team setting <input type="checkbox"/> Integrate input from all team members and makes decision <input type="checkbox"/> Improves communications among teammates and ask for feedback	The CM faculty has begun with discussion of changing the status of this course in Resident Instruction from TBA to defining the time to 6 laboratory hours for a 3 credit hour offering. Also consider the possibility of an additional senior seminar course. The changes are projected to be proposed the university curriculum board in the fall of 2019.	In the evaluation of this year's senior projects students reported a difficulty in scheduling common time for meetings as a team as well as communications with client or industry partners.

Comments on part II:

The Construction Management Program during this academic cycle worked to solidify instructors within the program. The Spring semester sponsored two faculty searches. At the time of this report a full time tenure track assistant professor is being offered a position while an visiting assistant position is also being considered. Solidification of the faculty will help in the consistency of the future analysis student learning outcomes and program learning objectives. Additionally the department chair surveyed the adjunct faculty of their knowledge of the course specific student learning outcomes. While this assessment is still ongoing 100% of the adjunct faculty report to understand and met the instruction of the outcome objectives during the past semester. Of the reporting faculty 50% report to have exceeded the instructional requirements of the student learning outcomes.