

Construction Technology

New Annual Assessment Reporting Form Item

Year: 2017-2018

Program SLO:

1. The Construction Technology (CT) program has 13 SLO's which have been adopted from our accrediting organization ACCE. (American Council for Construction Education). Some SLO's have 2 sub-SLO's. These sub-SLO's reflect "Introductory" & "Advanced" progress for that specific SLO.

There are also 3 "Program Learning Outcomes" (PLO). They reflect the 3 main areas of the construction profession: Residential; Commercial; and Heavy/Civil. These were adopted because the ACCE SLO's do not differentiate between those 3 areas.

All program SLO & PLO's were assessed.

Note: The Construction Technology Program was re-accredited for 6 years by the American Council for Construction Education (ACCE). ACCE requires a 3rd Year Report be submitted by 11/1/2018.

Assessment Results: Each SLO results are recorded. See Action Plan.

Response: See Action Plan.

Action Plan:

(New SLO & PLO based on ACCE format)

Will see if these ideas help those students who choose not to do their homework.

Note: Results listed for %: (Exceeding/Meeting/Approaching/Not Meeting)
Standards for tracking.

1. **SLO 1.1: Communication/Intro:** The %'s changed from (29/42/10/19) to (52/45/0/3). There is an improvement in the "Not Exceeded" category. **Updates:** a) Industry help from Atlantic Testing on industry standards for test results. Revised checklist for report. (Done for 3rd time this year and it definitely helped both with actual test results and with student interest. Will continue this !)

Note: SLO 1.2/Advanced Results: (65/35/0/0) to (15/82/3/0) continues to get better results.

2. **SLO 2.1: Estimating/Intro:** The %'s changed from (19/39/19/23) to (15/30/21/33). There is a big drop in the "Not Meeting" category. **Updates:** b) Assign (still !) more estimating problems in AECT 100 & CNST 150. Continue to use "Cone of Silence" method of teaching in lab; give more quizzes to compare to HW; & try to get the students to buy the book !!!

Note: SLO 2.2/Advanced Results: (25/53/19/3) to (11/73/0/16) shows a good drop in "Approaching" category, but a big increase in "Not Meeting".

This is not surprising given the math skills of our students. We will continue to find ways to help them.

3. SLO 5.1: Const. Docs/Residential: The %'s changed from (27/49/10/14) to (17/36/31/17): This is a significant drop. We will investigate this.

Note: SLO 5.2/Advanced Results: (11/77/6/6) to (23/54/11/12). The results dropped for the sophomores as well.

4. SLO 6: Accounting: The %'s changed from (32/45/0/7) to (15/50/12/23): This is a significant drop after improved results from the previous year. We will investigate this.

5. SLO 9.1: Contracts/Codes/Regs: Codes: The %'s changed from (16/40/14/30) to (15/37/27/20): The “Approaching” results got worse, while the “Not Met” results slightly improved. The low scores are a reflection of students not doing their homework. We will continue to give more specific codes homework/test questions.

Note: SLO 9.2/Contracts & Regs Results: (42/48/4/6) to (9/65/21/6). The results for the sophomores dropped. We will investigate this.

6. SLO 10.1: Const. Methods, Mat. Equipt./Intro: The %'s changed from (13/36/23/28) to (19/35/14/32): The “Approaching” and “Not Met” results are slightly better and worse respectfully. We did give more homework, which made each assignment a smaller % of the final grade. But that did not help the low scores which are a reflection of students not doing their homework.

Note: SLO 10.2/Advanced: Results: (18/77/0/5) (19/56/19/7). The “Approaching” results for the sophomores are much worse. We will investigate this.

7. Continue to integrate the SLO/PLO data from coursework with the SLO/PLO data generated from the surveys into one excel file. Revise the overall assessment plan accordingly and submit as part of the 3rd Year Report to ACCE by 11/1/2018. Also, address Weaknesses & Concerns from ACCE Re-Accreditation Report.

Time Frame:

Each Action Item to be addressed and updated in academic year 2018-2019.

Resources Requested:

See Action Item descriptions.

Expected outcomes:

Each Action Item will hopefully addressed to our satisfaction in the academic year 2018-2019.