

Number: 2016-2017
Title: 2016-2017: Construction Technology Annual Report
Start: 7/1/2016
End: 6/30/2017
Progress: Completed
Program: Construction Technology

Responsible Roles: No Roles Selected

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 2nd Year Report be submitted by 11/1/2017.

Ties to Strategic Plan: SLO's are dictated by our accrediting organization (ACCE) which strongly parallels the SUNY Delhi Strategic Plan.

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

Response: See Action Plan.

Action Plan: Action Items: (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 (10/48/6/36) to **(29/42/10/19)**. There is an improvement in the "Not Exceeded" category. Updates: a) Merrill Family Grant: Was not created for 2016-2017 academic year. Will investigate possibility for 2017-2018. b) Industry help from Atlantic Testing on industry standards for test results. Revised checklist for report. (Done for 2nd 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: (59/41/0/0) to **(65/35/0/0)** continues to get better results.

2. SLO 2.1: Estimating/Intro: The %'s changed from (6/39/16/39) to **(19/39/19/23)**: There is an improvement 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: (71/25/4/0) to **(25/53/19/3)** shows a drop in "Approaching" category. We will investigate this.

3. SLO 5.1: Const. Docs/Residential: The %'s changed from (17/60/7/16) to **(27/49/10/14)**: These are consistent results.

Note: SLO 5.2/Advanced Results: (21/55/16/9) to **(11/77/6/6)**. Better results w/ sophomores.

4. SLO 6: Accounting: The %'s changed from (38/34/13/15) to **(32/45/0/7)**: These are improved results.

5. SLO 9.1: Contracts/Codes/Regs: Codes: The %'s changed from (17/24/36/24) to **(16/40/14/30)**: The "Approaching" results are better, while the "Not Met" results are slightly worse. 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: (24/50/13/13) **(42/48/4/6)**. Better results w/ sophomores.

6. SLO 10.1: Const. Methods, Mat. Equipt./Intro: The %'s changed from (16/49/14/21) to **(13/36/23/28)**: The "Approaching" and "Not Met" results are slightly worse. 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: (28/52/13/7) **(18/77/0/5)**. Better results w/ sophomores.

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 1st Year Report to ACCE by

11/1/2016. Also, address Weaknesses & Concerns from ACCE Re-Accreditation Report.

Action Items: 2016-2017: **Updated comments in bold italics.**

1. SLO 1: Communication: Require completion of Soil Report in phases. ***Update: Done. See Action Item #1.***
2. SLO 2.1: Estimating (Introductory): Assign more estimating problems in AECT 100 & CNST 150. Use "Cone of Silence" method of teaching in lab. ***Update: Improvement. See Action Item #2.***
3. SLO 5.1: Const. Docs (Residential)- The low score is a reflection of students not doing their homework.
Update: Consistent with last year. See Action Item #3.
4. SLO 6: Accounting: Will review this SLO with the Industry Advisory Board. ***Update: Improved results.***
5. SLO 9.1: Contracts/Codes/Regs: ***Codes: Update: Worse results. See Action Item # 5.***
6. SLO 10.1: Construction Methods: The low score is a reflection of students not doing their homework.
Update: See Action Item #6.
7. 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 to ACCE for a critique during the July annual meeting. ***Update: See Action Item #6.***

Time Frame: Each Action Item to be addressed and updated in academic year 2017-2018.

Person Responsible: Construction Technology faculty with support of administration.

Resources Requested: See Action Item descriptions.

Expected outcomes: Each Action Item will hopefully addressed to our satisfaction in the academic year 2017-2018.

**Score on Assessment
Report Rubric:
Feedback from the
Assessment
Committee:**

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