



Heating and Plumbing Canino School of Engineering Technology 2017 Assessment Report

- Curriculum Coordinator: Michael Newtown
- Date of Presentation: January 17, 2018

What was assessed? Student learning outcomes list:

- *PSLO 1 – Safety*
 - *Students are able to demonstrate the proper use and care of PPE, tools, and others in the workplace*
- *PSLO 2 – Installation Skills*
 - *Students perform entry level service and installation skills representative of the H&P field*
- *PSLO 3 – Identify Plumbing Requirements*
 - *Students will properly choose the materials for a boiler install*
- *ISLO - Critical Thinking*
- *ISLO - Communication*



Where were outcomes assessed?

- *All in ACHP 171*



How was the assessment accomplished?

- Student work assessed:
 - Labs
 - exams
 - Homework
- Measurement strategy:
 - Applicable rubrics used for oral presentations, term papers and group projects
 - 70% of students earned a 70 or better
- Sample size:
 - N = 6 students



Assessment results: What have the data told us?

- *PSLO 1 – Met*
- *PSLO 2 – Exceeded*
- *PSLO 3 – Not assessed do to Habitat for Humanities project Not Met*
- *PSLO 4 – Met*
- *ISLO Critical Thinking – Not Met*
- *ISLO Communications - Met*



Data-driven decisions: How the program has or plans to “close the loop” based on these results.

- Continue to revise the course curriculum to better align with the program’s objectives according to the SLO outcomes
- It easy with 6 students to achieve something



What resources were used or have been requested to close the loop?

- Need of a full time faculty member

