Program Level Outcome (PLO) Assessment Report Summary

Program Level Outcomes for Engineering:

Upon successful completion of the Engineering program, a student should be able to:

1. employ science and mathematical skills required for occupational needs.
2. design a system, component, or process with supervision of a licensed engineer to meet desired needs.
3. analyze engineering problems and make appropriate decisions with supervision of a licensed engineer.
4. demonstrate appropriate technical communication skills (written, verbal and drawing).
5. work effectively in a team, exercise initiative and function in a leadership role.

What we looked at:

PLO 2: design a system, component, or process with supervision of a licensed engineer to meet desired needs.

What we found:

This PLO tracks to the 2 SLOs from EGN 2. For SLO 1, 100% of the students met the criteria. For SLO 2, 86% of the students met the criteria. Therefore, we are meeting PLO 2.

What our next steps are:

In reviewing the PLOs above, we found the following:

- PLO #5 does not map to any SLOs.
- PLO #4 should map to EGN1; however, it doesn’t at the time being. EGN1 SLO will be modified to add technical communication skills (PLO #4) and team work (PLO #5).