Assessment of Outcomes Achievement
Degree, Certificate, Program

Name of Degree, Certificate or Program: ECE Fundamentals Certificate 2022-23

1.   Describe assessment results.

There was one student who stopped out and earned failing grades for all artifacts. Because this throws off our data, we decided to exclude any student data for those students who didn't actually complete assignments because it doesn't indicate or assess learning or outcomes. In future assessments, we also think excluding data for those students who formally withdrew from the course is prudent.

2.   Identify any changes that should, as a result of this assessment, be implemented towards improving students' attainment of degree, certificate, or program outcomes.

We don't feel like there needs to be any changes to this assessment because when only data that is included by active students who are engaged in their learning, we see a 100% success rate in their learning outcomes.

3.   Describe your plan for implementation of any changes.

 We updated the "Criteria or Target" column to exclude student data of those who stopped out and did not participate in the course, and those who withdrew. We rewrote it to say "80% of <mark>active</mark> students meet or exceed expectations (based on the Artifact Rubric)."

4.   Departmental faculty involvement.

We feel that multiple faculty in the ECE department need to be involved in the creation and analysis of the rubric for the portfolio. There is a gap in how people are using the rubric and how instructors are grading off of it. Pulling faculty together to align outcomes, assignments, and assessments will help with this analysis in the future.

5.   Evaluate the assessment strategy.

In order to better evaluate the assessment strategy, we need more faculty input. Allowing students to pull and curate their own portfolio material is working really well.

6.   Reflect on any adjustments you made from the last assessment of this degree or certificate and their effectiveness in student achievement of outcomes?

There were no adjustments made since the last assessment because ECE130B/134 were canceled due to low enrollment and no data was able to be collected.

7.   Additional comments.

Updated 9.22.16