Coastline College

Electronics Technology

Program Student Learning Outcomes Report

Updated 2019-2020

COASTLINE COLLEGE

2018-2019

2018-2019 Electronics Technology Program Student Learning Outcomes (PSLOs)

Electronics Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Design and build several of the most common circuits used in electronics technology.	7	85.7%	0.0%	14.3%	0.0%
Analyze operating and defective electronic circuits by interpreting data from a variety of test and measurement equipment.	7	85.7%	0.0%	14.3%	0.0%
Research and interpret basic electronic components using manufacturer's data manuals, library resources, and the Internet.	7	85.7%	0.0%	14.3%	0.0%

There were not enough respondents (less than 10) to the 2018-2019 post-graduation survey for the Electronics Technology Program to produce meaningful data.

2019-2020

2019-2020 Electronics Technology Program Student Learning Outcomes (PSLOs)

Electronics Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Design and build several of the most common circuits used in electronics technology.	5	20.0%	40.0%	40.0%	0.0%
Analyze operating and defective electronic circuits by interpreting data from a variety of test and measurement equipment.	5	40.0%	40.0%	20.0%	0.0%
Research and interpret basic electronic components using manufacturer's data manuals, library resources, and the Internet.	5	40.0%	40.0%	20.0%	0.0%

There were not enough respondents (less than 10) to the 2019-2020 post-graduation survey for the Electronics Technology Program to produce meaningful data.

2018-2019 through 2019-2020

Aggregate Electronics Technology Program Student Learning Outcomes (PSLOs)

Electronics Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Design and build several of the most common circuits used in electronics technology.	12	58.33%	16.67%	25.01%	0.00%
Analyze operating and defective electronic circuits by interpreting data from a variety of test and measurement equipment.	12	66.66%	16.67%	16.68%	0.00%
Research and interpret basic electronic components using manufacturer's data manuals, library resources, and the Internet.	12	66.66%	16.67%	16.68%	0.00%

The aggregate post-graduation survey results show that the majority of graduates of the Electronics Technology Program were able and confident or somewhat confident in demonstrating the PSLOs. Graduates indicated that their ability and confidence to analyze operating and defective electronic circuits by interpreting data from a variety of test and measurement equipment; and research and interpret basic electronic components using manufacturer's data manuals, library resources, and the Internet were the highest. In contrast, confidence and ability was lowest in designing and building several of the most common circuits used in electronics technology.