

Coastline College

Building Codes Technology

Program Student Learning
Outcomes Report

Updated 2019-20

COASTLINE
COLLEGE



2015-2016

2015-2016 Building Codes Technology Program Student Learning Outcomes (PSLOs)

Building Codes Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Articulate, address, and implement the basics of green building technology and code requirements.	2	100.0%	0.0%	0.0%	0.0%
Assess the role and responsibilities of the permit technician and implement ethical standards.	2	100.0%	0.0%	0.0%	0.0%
Classify all buildings by use of occupancy; determine the occupant load and calculate adequate emergency exit requirements.	2	100.0%	0.0%	0.0%	0.0%
Examine construction plans and evaluate if minimum Code requirements have been met for each occupancy.	2	100.0%	0.0%	0.0%	0.0%
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	2	100.0%	0.0%	0.0%	0.0%
Identify the administrative provisions of the International Residential Code.	2	100.0%	0.0%	0.0%	0.0%
Identify the general requirements regulating wiring methods, wall construction and wall coverings, ceiling and roof construction, requirements for mechanical appliances and the installation of plumbing and coolant systems.	2	100.0%	0.0%	0.0%	0.0%
Identify the steps of the building permits process as a means of securing code requirements.	2	100.0%	0.0%	0.0%	0.0%
Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.	2	100.0%	0.0%	0.0%	0.0%
Select the proper type of construction to ensure correct implementation of building code and law.	2	100.0%	0.0%	0.0%	0.0%

There were not enough respondents (less than 10) to the 2015-2016 post-graduation survey for the Business Codes Technology Program to produce meaningful data.

2016-2017

2016-2017 Building Codes Technology Program Student Learning Outcomes (PSLOs)

Building Codes Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Articulate, address, and implement the basics of green building technology and code requirements.	2	0.0%	100.0%	0.0%	0.0%
Assess the role and responsibilities of the permit technician and implement ethical standards.	2	100.0%	0.0%	0.0%	0.0%
Classify all buildings by use of occupancy; determine the occupant load and calculate adequate emergency exit requirements.	2	50.0%	50.0%	0.0%	0.0%
Examine construction plans and evaluate if minimum Code requirements have been met for each occupancy.	2	50.0%	50.0%	0.0%	0.0%
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	2	100.0%	0.0%	0.0%	0.0%
Identify the administrative provisions of the International Residential Code.	2	50.0%	50.0%	0.0%	0.0%
Identify the general requirements regulating wiring methods, wall construction and wall coverings, ceiling and roof construction, requirements for mechanical appliances and the installation of plumbing and coolant systems.	2	50.0%	50.0%	0.0%	0.0%
Identify the steps of the building permits process as a means of securing code requirements.	2	50.0%	50.0%	0.0%	0.0%
Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.	2	50.0%	50.0%	0.0%	0.0%
Select the proper type of construction to ensure correct implementation of building code and law.	2	100.0%	0.0%	0.0%	0.0%

There were not enough respondents (less than 10) to the 2016-2017 post-graduation survey for the Business Codes Technology Program to produce meaningful data.

2017-2018

2017-2018 Building Codes Technology Program Student Learning Outcomes (PSLOs)

Building Codes Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Articulate, address, and implement the basics of green building technology and code requirements.	2	0.0%	100.0%	0.0%	0.0%
Assess the role and responsibilities of the permit technician and implement ethical standards.	2	100.0%	0.0%	0.0%	0.0%
Classify all buildings by use of occupancy; determine the occupant load and calculate adequate emergency exit requirements.	2	100.0%	0.0%	0.0%	0.0%
Examine construction plans and evaluate if minimum Code requirements have been met for each occupancy.	2	100.0%	0.0%	0.0%	0.0%
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	2	50.0%	50.0%	0.0%	0.0%
Identify the administrative provisions of the International Residential Code.	2	50.0%	50.0%	0.0%	0.0%
Identify the general requirements regulating wiring methods, wall construction and wall coverings, ceiling and roof construction, requirements for mechanical appliances and the installation of plumbing and coolant systems.	2	50.0%	50.0%	0.0%	0.0%
Identify the steps of the building permits process as a means of securing code requirements.	2	50.0%	50.0%	0.0%	0.0%
Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.	2	50.0%	0.0%	50.0%	0.0%
Select the proper type of construction to ensure correct implementation of building code and law.	2	50.0%	50.0%	0.0%	0.0%

There were not enough respondents (less than 10) to the 2017-2018 post-graduation survey for the Business Codes Technology Program to produce meaningful data.

2018-2019

2018-2019 Building Codes Technology Program Student Learning Outcomes (PSLOs)

Building Codes Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Articulate, address, and implement the basics of green building technology and code requirements.	4	0.0%	100.0%	0.0%	0.0%
Assess the role and responsibilities of the permit technician and implement ethical standards.	4	50.0%	50.0%	0.0%	0.0%
Classify all buildings by use of occupancy; determine the occupant load and calculate adequate emergency exit requirements.	4	25.0%	75.0%	0.0%	0.0%
Examine construction plans and evaluate if minimum Code requirements have been met for each occupancy.	4	50.0%	50.0%	0.0%	0.0%
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	4	25.0%	75.0%	0.0%	0.0%
Identify the administrative provisions of the International Residential Code.	4	25.0%	75.0%	0.0%	0.0%
Identify the general requirements regulating wiring methods, wall construction and wall coverings, ceiling and roof construction, requirements for mechanical appliances and the installation of plumbing and coolant systems.	4	25.0%	75.0%	0.0%	0.0%
Identify the steps of the building permits process as a means of securing code requirements.	4	25.0%	75.0%	0.0%	0.0%
Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.	4	25.0%	75.0%	0.0%	0.0%
Select the proper type of construction to ensure correct implementation of building code and law.	4	50.0%	50.0%	0.0%	0.0%

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

2019-2020

2019-2020 Building Codes Technology Program Student Learning Outcomes (PSLOs)

Building Codes Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Articulate, address, and implement the basics of green building technology and code requirements.	1	0.0%	100.0%	0.0%	0.0%
Assess the role and responsibilities of the permit technician and implement ethical standards.	1	100.0%	50.0%	0.0%	0.0%
Classify all buildings by use of occupancy; determine the occupant load and calculate adequate emergency exit requirements.	1	0.0%	100.0%	0.0%	0.0%
Examine construction plans and evaluate if minimum Code requirements have been met for each occupancy.	1	0.0%	100.0%	0.0%	0.0%
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	1	100.0%	0.0%	0.0%	0.0%
Identify the administrative provisions of the International Residential Code.	1	100.0%	0.0%	0.0%	0.0%
Identify the general requirements regulating wiring methods, wall construction and wall coverings, ceiling and roof construction, requirements for mechanical appliances and the installation of plumbing and coolant systems.	1	0.0%	100.0%	0.0%	0.0%
Identify the steps of the building permits process as a means of securing code requirements.	1	100.0%	0.0%	0.0%	0.0%
Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.	1	100.0%	0.0%	0.0%	0.0%
Select the proper type of construction to ensure correct implementation of building code and law.	1	100.0%	0.0%	0.0%	0.0%

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

2015-2016 through 2019-2020

Aggregate Building Codes Technology Program Student Learning Outcomes (PSLOs)

Building Codes Technology PSLOs	N	Able and Confident	Able and Somewhat Confident	Able and Not Confident	Not Able
Articulate, address, and implement the basics of green building technology and code requirements.	11	18.2%	81.8%	0.0%	0.0%
Assess the role and responsibilities of the permit technician and implement ethical standards.	11	81.8%	18.2%	0.0%	0.0%
Classify all buildings by use of occupancy; determine the occupant load and calculate adequate emergency exit requirements.	11	54.5%	45.5%	0.0%	0.0%
Examine construction plans and evaluate if minimum Code requirements have been met for each occupancy.	11	63.6%	36.4%	0.0%	0.0%
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	11	63.6%	36.4%	0.0%	0.0%
Identify the administrative provisions of the International Residential Code.	11	54.5%	45.5%	0.0%	0.0%
Identify the general requirements regulating wiring methods, wall construction and wall coverings, ceiling and roof construction, requirements for mechanical appliances and the installation of plumbing and coolant systems.	11	45.5%	54.5%	0.0%	0.0%
Identify the steps of the building permits process as a means of securing code requirements.	11	54.5%	45.5%	0.0%	0.0%
Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.	11	54.5%	36.4%	9.1%	0.0%
Select the proper type of construction to ensure correct implementation of building code and law.	11	72.7%	27.3%	0.0%	0.0%

The aggregate post-graduation survey results show that the majority of graduates of the Building Codes Technology Program were able and confident or somewhat confident in demonstrating the PSLOs. Graduates indicated that their ability and confidence in assessing the role and responsibilities of the permit technician and implementing ethical standards was highest.