

All levels SLOs achievement during CCC Spring 2012

SLO Text	SLO Achievement				
	SLO Level	Course Number	Fully Achieved	Partially Achieved	Failed to Achieve
<u>Upon completion of the Energy Code portion of the course, the student will be able to: A.Read and evaluate plans of buildings and installations for State of California energy code compliance. B.Assemble and perform calculations for all energy features as required for residential room addition energy compliance. C.Assess code compliance of installed energy features. Propose solutions for energy feature design deficiencies. Assist owners and installers in choosing code compliant options. D.Locate, organize, and explain energy code deficiencies to installers and building owners. E.Define and explain nomenclature associated with the energy code compliance to owners and installers. F.Recognize, select, and apply the different methods and materials called for in the energy codes. G.Locate, associate, and interpret residential energy code tables.</u>	C	BCT-C302	0.00 %	0.00 %	100.00 %
<u>Upon completion of the Accessibility Code portion of the course, the student will be able to: A.Read and evaluate plans of buildings and installations for State of California disabled access code compliance. B.Perform inspections and assemble comments as required accessibility compliance. C.Assess code compliance of installed accessibility features. Propose solutions for accessibility feature design deficiencies. Assist owners and installers in choosing code compliant options. D.Locate, organize, and explain accessibility code deficiencies to installers and building owners. E.Define and explain nomenclature associated with the accessibility code compliance to owners and contractors. F.Recognize, select, and apply the different methods and materials called for in the accessibility codes. G.Locate, associate, and interpret State of California Title</u>	C	BCT-C302	0.00 %	0.00 %	100.00 %
<u>The student will be able to correctly interpret the appropriate code provisions of the Uniform Mechanical Code for the heating, ventilating, air conditioning, and refrigeration of various occupancies.</u>	C	BCT-C307	0.00 %	0.00 %	100.00 %
<u>The student will be able to recognize common hazards in the installation of heating, ventilation, air conditioning, and refrigeration and the necessity of code requirements.</u>	C	BCT-C307	0.00 %	0.00 %	100.00 %
<u>The student will be able to correctly determine code requirements for commercial kitchen ventilation systems.</u>	C	BCT-C307	0.00 %	0.00 %	100.00 %
<u>The student will be able to identify various heating, ventilation, air conditioning, and refrigeration systems and be able to determine correct code compliance.</u>	C	BCT-C307	0.00 %	0.00 %	100.00 %
<u>Review and evaluate plans of plumbing installations for plumbing code compliance.</u>	C	BCT-C308	80.00 %	2.86 %	17.14 %
<u>Assemble and perform calculations with all factors required for proper sizing of potable water, fuel gas, and sanitary waste/vent piping systems.</u>	C	BCT-C308	80.00 %	2.86 %	17.14 %
<u>Assess code compliance of installed systems. Propose solutions for plumbing design deficiencies. Assist owners and installers in choosing code compliant options.</u>	C	BCT-C308	74.29 %	8.57 %	17.14 %
<u>Assemble, organize, and explain code deficiencies to plumbing installers.</u>	C	BCT-C308	88.57 %	2.86 %	8.57 %
<u>Define and explain nomenclature associated with the plumbing trade to owners and installers.</u>	C	BCT-C308	88.57 %	2.86 %	8.57 %
<u>Recognize, select, and apply the different methods and materials called for in the plumbing code.</u>	C	BCT-C308	80.00 %	2.86 %	17.14 %
<u>Locate, associate, and interpret plumbing code tables and sizing charts.</u>	C	BCT-C308	88.57 %	2.86 %	8.57 %
<u>Identify the administrative provisions of the International Residential Code.</u>	C	BCT-C311	89.66 %	0.00 %	10.34 %

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Learn to Categorize design criteria.	C	BCT-C311	55.17 %	17.24 %	27.59 %
Recognize the health and safety criteria of the code.	C	BCT-C311	55.17 %	20.69 %	24.14 %
Compare the requirements relating to foundation systems.	C	BCT-C311	62.07 %	13.79 %	24.14 %
Identify the general requirements regulating wiring methods, wall construction and wall covering, ceiling construction and roof construction, installation of mechanical appliances, requirements for the installation of plumbing systems and installation of exhaust systems.	C	BCT-C311	86.21 %	0.00 %	13.79 %
Demonstrate ability to apply critical thinking and analysis.	I	BCT-C302	51.85 %	3.70 %	44.44 %
Demonstrate ability to apply critical thinking and analysis.	I	BCT-C307	44.83 %	0.00 %	55.17 %
Demonstrate ability to apply critical thinking and analysis.	I	BCT-C308	82.86 %	2.86 %	14.29 %
Demonstrate ability to apply critical thinking and analysis.	I	BCT-C311	79.31 %	6.90 %	13.79 %
Demonstrate information competency.	I	BCT-C311	55.17 %	20.69 %	24.14 %
Assess the role and responsibilities of the permit technician and implement ethical standards.	P	BCT-C302	55.56 %	3.70 %	40.74 %
Assess the role and responsibilities of the permit technician and implement ethical standards.	P	BCT-C307	48.28 %	0.00 %	51.72 %
Assess the role and responsibilities of the permit technician and implement ethical standards.	P	BCT-C308	88.57 %	2.86 %	8.57 %
Assess the role and responsibilities of the permit technician and implement ethical standards.	P	BCT-C311	72.41 %	6.90 %	20.69 %
Classify all buildings by use of occupancy; determine the occupant load, and calculate adequate emergency exit requirements.	P	BCT-C311	86.21 %	0.00 %	13.79 %
Develop and prepare different documentations required during design and/or construction to achieve the appropriate building compliance.	P	BCT-C307	0.00 %	0.00 %	100.00 %
Examine construction plans and evaluate if minimum code requirements have been met for each occupancy.	P	BCT-C302	51.85 %	0.00 %	48.15 %
Examine construction plans and evaluate if minimum code requirements have been met for each occupancy.	P	BCT-C307	34.48 %	0.00 %	65.52 %
Examine construction plans and evaluate if minimum code requirements have been met for each occupancy.	P	BCT-C308	80.00 %	5.71 %	14.29 %
Examine construction plans and evaluate if minimum code requirements have been met for each occupancy.	P	BCT-C311	72.41 %	6.90 %	20.69 %
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	P	BCT-C307	31.03 %	0.00 %	68.97 %
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	P	BCT-C308	77.14 %	5.71 %	17.14 %
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	P	BCT-C311	65.52 %	13.79 %	20.69 %
Identify the administrative provisions of the International Residential Code.	P	BCT-C307	27.59 %	0.00 %	72.41 %
Identify the administrative provisions of the International Residential Code.	P	BCT-C308	82.86 %	8.57 %	8.57 %
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.	P	BCT-C307	20.69 %	0.00 %	79.31 %
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.	P	BCT-C308	74.29 %	8.57 %	17.14 %

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<u>Identify the steps of the building permits process as a means of securing code requirements.</u>	P	BCT-C311	89.66 %	0.00 %	10.34 %
<u>Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.</u>	P	BCT-C307	20.69 %	0.00 %	79.31 %
<u>Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.</u>	P	BCT-C311	89.66 %	0.00 %	10.34 %
<u>Recognize the Health and Safety criteria of the Code.</u>	P	BCT-C307	27.59 %	0.00 %	72.41 %
<u>Recognize the Health and Safety criteria of the Code.</u>	P	BCT-C308	85.71 %	0.00 %	14.29 %
<u>Select the proper type of construction to ensure correct implementation of building code and law.</u>	P	BCT-C307	17.24 %	10.34 %	72.41 %