

All levels SLOs statistics during CCC Fall 2012 for Building Codes Technology

SLO Text	SLO Level	Course Number	Fully Achieved	Partially Achieved	Failed to Achieve
Apply and build on theoretical and practical education in the performance of work tasks in chosen field.	C	BCT-C284	N/A	N/A	N/A
Interpret and assess the role and responsibilities of the building inspector and implement ethical standards.	C	BCT-C250	95.24 %	0.00 %	4.76 %
Compare and contrast routine and complex code requirements, and determine which codes are performance-based and which are prescriptive-based.	C	BCT-C250	95.24 %	0.00 %	4.76 %
Defend and determine a project area's violations, and surmise the corrective actions.	C	BCT-C250	90.48 %	4.76 %	4.76 %
Correlate, interpret and outline the steps of the building permit process as a means of securing code requirement.	C	BCT-C250	90.48 %	4.76 %	4.76 %
Generate a written report on the routine and complex building inspection from inception to final walk-thru using approved building inspection methods and procedures, and the correct order of operations.	C	BCT-C250	90.48 %	4.76 %	4.76 %
Based on self-evaluation and supervisor feedback, develop appropriate professional development and career advancement goals.	C	BCT-C284	N/A	N/A	N/A
The student will be able to develop an analysis of the procedures and operations involved in the preparation of construction documents and the inter-relationship of building codes and ordinances.	C	BCT-C301	88.89 %	11.11 %	0.00 %
The student will be able to demonstrate his/her knowledge of graphic symbols and architectural methods by reviewing sets of blueprints and answering text questions.	C	BCT-C301	88.89 %	11.11 %	0.00 %
The student will be able to compare the materials of construction and their order of erection in a minimum of two construction processes.	C	BCT-C301	88.89 %	11.11 %	0.00 %
The student will be able to distinguish the mechanical system (electrical, plumbing, heating, etc.) and their particular application to multi-frame construction.	C	BCT-C301	83.33 %	16.67 %	0.00 %
The student will be able to apply practical mathematical electrical Ohm's Law calculations.	C	BCT-C306	84.21 %	0.00 %	15.79 %
The student will be able to use alternating current theory to evaluate different electrical systems.	C	BCT-C306	84.21 %	10.53 %	5.26 %
The student will be able to calculate and size branch circuits and feeders.	C	BCT-C306	94.74 %	0.00 %	5.26 %
The student will be able to formulate an electrical drawing layout.	C	BCT-C306	94.74 %	5.26 %	0.00 %
The student will be able to plan and check an electrical drawing to insure compliance with the N.E.C.	C	BCT-C306	94.74 %	5.26 %	0.00 %
The student will be able to explain the various methods of determining the formulas for calculating various load requirements for residential and commercial building.	C	BCT-C306	94.74 %	5.26 %	0.00 %
The student will be able to differentiate the methods for electrical wiring applicable to residential, commercial and industrial construction.	C	BCT-C306	94.74 %	5.26 %	0.00 %
The student will be able to formulate the method for calculating and utilizing alternating current theory to evaluate different electrical systems.	C	BCT-C306	94.74 %	5.26 %	0.00 %
Demonstrate ability to apply critical thinking and analysis.	I	BCT-C250	95.24 %	0.00 %	4.76 %
Demonstrate ability to apply critical thinking and analysis.	I	BCT-C301	100.00 %	0.00 %	0.00 %
Demonstrate ability to apply critical thinking and analysis.	I	BCT-C306	94.74 %	5.26 %	0.00 %

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Demonstrate information competency.	I	BCT-C301	88.89 %	11.11 %	0.00 %
Assess the role and responsibilities of the permit technician and implement ethical standards.	P	BCT-C250	95.24 %	0.00 %	4.76 %
Assess the role and responsibilities of the permit technician and implement ethical standards.	P	BCT-C301	100.00 %	0.00 %	0.00 %
Assess the role and responsibilities of the permit technician and implement ethical standards.	P	BCT-C306	100.00 %	0.00 %	0.00 %
Develop and prepare different documentations required during design and/or construction to achieve the appropriate building compliance.	P	BCT-C306	94.74 %	5.26 %	0.00 %
Examine construction plans and evaluate if minimum code requirements have been met for each occupancy.	P	BCT-C306	100.00 %	0.00 %	0.00 %
Explain the format and performance principle of the Code and develop a working knowledge of the provisions contained in them.	P	BCT-C306	94.74 %	5.26 %	0.00 %
Identify the administrative provisions of the International Residential Code,	P	BCT-C301	88.89 %	11.11 %	0.00 %
Identify the administrative provisions of the International Residential Code,	P	BCT-C306	94.74 %	5.26 %	0.00 %
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-C301	83.33 %	16.67 %	0.00 %
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-C306	94.74 %	5.26 %	0.00 %
Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.	P	BCT-C301	88.89 %	11.11 %	0.00 %
Implement and describe state and local powers in regard to the adoption and administration of building codes, including the limits of those powers.	P	BCT-C306	100.00 %	0.00 %	0.00 %
Recognize the Health and Safety criteria of the Code.	C	BCT-C306	84.21 %	0.00 %	15.79 %
Select the proper type of construction to ensure correct implementation of building code and law.	P	BCT-C306	100.00 %	0.00 %	0.00 %