

<b>BayREN General Energy Code Courses</b> Courses not eligible for ICC CEUs		
2016 Energy Code Updates	Short Course	60-90 min
<p><b>Description:</b> This course will provide an overview of the 2016 Energy Code changes.</p> <p><b>Topics Covered:</b> Changes to Residential and Nonresidential portions of 2016 Energy Code</p> <p><b>Target Audience:</b> building department staff, building industry professionals</p>		
Reaching Zero Net Energy (ZNE) Introductory Training	Short Course	60-90 min
<p><b>Description:</b> This intermediate-level course will introduce ZNE fundamentals and practices that are the basis of ZNE projects.</p> <p><b>Topics Covered:</b> What is ZNE, how ZNE impacts energy use, home performance with ZNE, how to meet remaining energy needs of a building.</p> <p><b>Target Audience:</b> building department, sustainability department, and planning department staff, other building industry professionals</p>		

<b>Residential Energy Code Courses</b> Can be taken in series or individually				
Course ID	Title	Module(s)	Length	ICC CEUs
RNC-S	Residential New Construction	Short Course	60-90 min	0.1
	<p><b>Description:</b> This introductory-level course will provide a basic review of residential new construction energy codes.</p> <p><b>Topics Covered:</b> Comprehensive residential energy code compliance processes, compliance forms, prescriptive and performance approaches, and HERS features, with a focus on new construction, larger additions.</p> <p><b>Target Audience:</b> Inexperienced permit technicians, plan checkers, field inspectors</p>			
RFP-S	Residential Forms and Permit	Short Course	60-90 min	0.1
RFP-L	Submittals for Additions	Long Course	3-4 hrs	0.4
<p><b>Description:</b> This introductory-level course will explore specific instruction on residential additions. Course extends content learned in Residential New Construction Course (RNC-S).</p> <p><b>Topics Covered:</b> Comprehensive residential energy code compliance processes, compliance forms, prescriptive and performance approaches, and HERS features.</p> <p><b>Target Audience:</b> Plan checkers, field inspectors</p>				
REC-S	Residential Envelope Compliance	Short Course	60-90 min	0.1
	REC-L	Long Course	3-4 hrs	0.4
<p><b>Description:</b> This intermediate-level course will investigate residential envelope compliance issues.</p> <p><b>Topics Covered:</b> Residential envelope components (windows, ceilings, walls, floors, etc.), forms, HERS features, plan check and field inspection issues specific to residential envelope</p> <p><b>Target Audience:</b> Plan checkers, field inspectors</p>				
RHR-S	Residential HERS Registry Training for Building Departments	Short Course	60-90 min	0.1
	<p><b>Description:</b> This introductory-level course will explore the advantages of using the online HERS registry to track and verify compliance forms electronically. Course includes a live demonstration of projects for the jurisdiction in training. Attendees will need to bring addresses for specific projects.</p> <p><b>Topics Covered:</b> CalCERTS HERS registry, what projects are required to be in the registry, how to track CF1R, CF2R and CF3R forms electronically so hard copies do not need to be printed.</p> <p><b>Target Audience:</b> Permit technicians, plan checkers, field inspectors</p>			

## Nonresidential Energy Code Courses

Can be taken in series or individually

Course ID	Title	Module(s)	Length	ICC CEUs
NNC-S	Nonresidential New Construction	Short Course	60-90 min	0.1
	<p><b>Description:</b> This introductory-level course will provide a basic review of nonresidential new construction energy codes.</p> <p><b>Topics Covered:</b> Comprehensive nonresidential energy code compliance processes, compliance forms, prescriptive and performance approaches, commissioning, and acceptance testing, with a focus on new construction, larger additions.</p> <p><b>Target Audience:</b> Inexperienced permit technicians, plan checkers, field inspectors</p>			
NFC-S	Nonresidential Fenestration Compliance	Short Course	60-90 min	0.1
	<p><b>Description:</b> This intermediate-level course will explore nonresidential envelope compliance issues, specifically verifying fenestration performance values.</p> <p><b>Topics Covered:</b> Nonresidential window types (manufactured, site built, field fabricated, etc.), plan check and field inspection issues specific to nonresidential fenestration.</p> <p><b>Target Audience:</b> Plan checkers, field inspectors</p>			
NMC-S NMC-L	Nonresidential Mechanical Compliance	Short Course	60-90 min	0.1
		Long Course	3-4 hrs	0.4
<p><b>Description:</b> This intermediate-level course will explore nonresidential mechanical system compliance issues.</p> <p><b>Topics Covered:</b> The short course focuses on mechanical ventilation. The long course also covers other mechanical systems, compliance forms, controls and acceptance testing.</p> <p><b>Target Audience:</b> Plan checkers, field inspectors</p>				
NLC-S NLC-L	Nonresidential Lighting Compliance	Short Course	60-90 min	0.1
		Long Course	3-4 hrs	0.4
<p><b>Description:</b> This intermediate-level course will explore lighting compliance and their implications for plan review and field inspection.</p> <p><b>Topics Covered:</b> The short course focuses on indoor lighting forms, process, and acceptance tests. The long course also covers lighting power density, controls, and daylight spaces, in addition to topics covered in short course.</p> <p><b>Target Audience:</b> Plan checkers, building inspectors, building officials</p>				
NTA-S	Nonresidential TI's and Alterations	Short Course	60-90 min	0.1
	<p><b>Description:</b> This intermediate-level course will explore nonresidential tenant improvements and alterations compliance issues.</p> <p><b>Topics Covered:</b> Nonresidential tenant improvement compliance process, including documentation and field inspection.</p> <p><b>Target Audience:</b> Plan checkers, field inspectors</p>			

**Recommended Combinations**

Can be taken same day or different days

RNC-S	Residential New Construction	Short Course	60-90 min
NNC-S	Nonresidential New Construction	Short Course	<u>60-90 min</u>
		Total Duration	2-3 hrs
NFC-S	Nonresidential Fenestration Compliance	Short Course	60-90 min
NMC-S	Nonresidential Mechanical Compliance	Short Course	60-90 min
NMC-S	Nonresidential Lighting Compliance	Short Course	<u>60-90 min</u>
		Total Duration	3-4 hrs