

DEPARTMENT: Inspection

COURSE: Inspec 017

TITLE CALIFORNIA STATE ENERGY REGULATIONS FOR RESIDENTIAL BUILDINGS

:

WORKSHEET

Course Objectives (not part of SLO-but derives SLO)	Outcome	Activity	Assessment
CEC climate zones	Students will be able to use the California Energy Code to determine CEC designated climate zones for residential structures.	Students will read chapter two of the Energy Code to identify the sixteen CEC designated climate zones.	Students will assign a climate zone based upon city or place name for a given location.
Mandatory measures	Students will be able to list mandatory measures for specific climate zones	Students will read chapter three of the Energy Code to determine the State mandated minimum levels of insulation, lighting, and mechanical equipment efficiency.	Students will evaluate the mandatory requirements for several given climate zones.
Specific Climate Zone requirements	Students will be able to write the mandatory measure requirements for a specific location	Students will determine the assigned climate zone for a specific location and the mandatory requirements for wall insulation and mechanical equipment efficiency.	Students will list the mandatory requirements for a residential structure at a specific location.

SLO #1

Students will be able to assign a CEC climate zone description to specific locations by using weather data and energy budgets presented in the California Energy Code.

SLO #2

Students will be able to write site specific requirements for minimum levels of insulation in walls and ceiling for structures based upon climatic conditions as presented in the California Energy Code.