DEPARTMENT: Inspection

COURSE: Inspec 018
TITLE: CALIFORNIA STATE ENERGY REGULATIONS FOR NON-RESIDENTIAL BUILDINGS

WORKSHEET

Course Objectives **(not part of SLO-but derives SLO)**	Outcome	Activity	Assessment
Prescriptive Approach	Students will be able to describe the prescriptive approach for nonresidential energy compliance	Students will read Chapter two of the nonresidential energy manual to obtain requirements for the prescriptive approach for energy compliance.	Students will write the CEC prescribed steps for analyzing the building envelope, mechanical systems, and lighting when using the prescriptive approach ..
Performance approach	Students will be able to describe the performance approach for nonresidential energy compliance	Students will read Chapter two of the nonresidential energy manual to obtain requirements for the performance approach for energy compliance.	Students will write the CEC prescribed steps for analyzing the building envelope, mechanical systems, and lighting when using the performance approach. .
Energy Code Occupancy Types	Students will be able to assign occupancy types to specific uses	Students will complete a written assignment that assigns occupancy types to generic uses.	Students will analyze and write occupancy types for a grocery store, bank, restaurant, and hotels/motels.

SLO #1
Students will be able to define the Alternative Calculation Method (ACM) authorized by the California Energy Code that allows computer modeling to analyze the performance of the building enve3lope, mechanical systems, and lighting for energy consumption.

SLO #2
Students will be able to determine building lighting power allowance for energy consumption by assigning an occupancy type as defined in the California Energy Code.