

PS #1

Due: 1/29/10

Objectives

- 1 - To become familiar with Occupancy Categories and Live Loads.

The Problem

Using the ASCE 7-05 as a reference, determine the Floor Live Load requirements and the Occupancy categories for the list below. If the listed occupancy is ambiguous when compared to the tables in ASCE 7-05, then state the possible options.

	Occupancy/Use
a)	CSU Chico Civil Engineering Office
b)	Light Manufacturing
c)	Best Buy retail area
d)	Apartment at the Zoo (ie 5 th Street in Chico)
e)	Diamond Hotel Restrooms
f)	Chico High Classrooms
g)	Fire Station
h)	Candlestick Park (or whatever they call it this month)