Introduction to Careers in Hospitality and Tourism

Unit 10 – Loss Prevention – Safety Procedures

**Summative Assessment 1**

Fire Safety/Evacuation Map Assignment

You are being given the floor plan of one floor of a 4 story hotel. Your task is:

1. Identify the features that give the property a compliant status with the National Fire Protection

Agency.

2. Create an evacuation route for guests and employees.

Step 1: On the floor plan, highlight all of the exits from each room in yellow.

#1. Do all rooms have at least two points of exit? \_\_\_\_\_\_\_\_\_\_\_\_

#2. Assuming this is a four-story hotel, how many smoke detectors and sprinklers will you need for

each room? (the website [www.usfa.fema.gov/applications/hotel](http://www.usfa.fema.gov/applications/hotel) will help you find the answer if

you don’t remember)

Step 2: Draw a sprinkler location for each room marked by a blue “X”.

Step 3: Draw a smoke detector for each room marked by a green “”

Step 4: For each room on your floor plan mark the evacuation route people will take from each room.

If you have multiple exits, you may use multiple colors to show multiple routes.

#1. Why would it be important to also include outside meeting places for each of your evacuation

routes?

#2. Some people with disabilities may not be able to hear alarms, what else would need to be

present on the smoke detector to alert these people?

#3. How would you accommodate guests with physical disabilities (such as wheelchairs,

crutches, etc.) to ensure they would be safe in the event of a fire?