

EXERCISE: ILLUMINATIONNAME XUEZHU SUN

Using one of the light meters on reserve in the Fine Arts Library make the following measurements.

1. Take the following measurements in a room on or near campus (not in Meyerson) to which you have easy access (classroom, coffeshop, your apartment, etc.).

Measure the horizontal illuminance two times during the day and once after dark (you can calculate the amount of daylight if the same lights are on for both measurements by subtracting the nighttime measurement from the daytime one).

Measure the horizontal illuminance outdoors at the same time as the daytime measurement.

Take a photograph of the light conditions and add your evaluation of the light level: too low, low, enough, high, too high

Room Name: Fine Arts Library third floor

Time 1. 12:30 pm Indoor Illuminance (FC) 60 Footcandles
Outdoor Illuminance (FC) 1162 Footcandles
Evaluation indoor: enough outdoor: high

Time 2. 15:30 pm Indoor illuminance (FC) 54 Footcandles
Outdoor Illuminance (FC) 76.2 Footcandles
Evaluation indoor: enough outdoor: enough

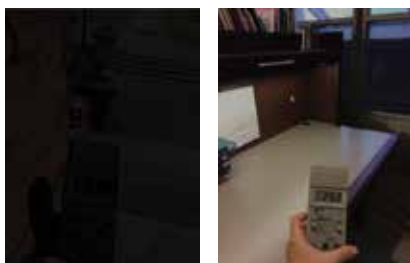
Nighttime. 19:30 pm Indoor illuminance (FC) 25.2 Footcandles
Outdoor Illuminance (FC) 0.08 Footcandles
Evaluation indoor: enough outdoor: very low

Photos

12:30 pm



15:30 pm



19:30 pm