

EXERCISE: ILLUMINATIONNAME Mariela Hernandez

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

- 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 one 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: Van Pelt Grand Reading Room (South Side)

Time 1. 12:15 pm Indoor Illuminance (FC) 8,600 fc
 Outdoor Illuminance (FC) 36,500 fc
 Evaluation Outdoor: too high (high sun, visibility 10miles)
 Indoor: high (high direct light/sharp shadows through window)

Time 2. 3:30 pm Indoor illuminance (FC) 750 fc
 Outdoor Illuminace (FC) 1,480 fc
 Evaluation Outdoor: enough (sun beginning to set, more shadows)
 Indoor: enough (diffused light/no shadows through window)

Nighttime. 7:00 pm Indoor illuminance (FC) 330 fc
 Outdoor Illuminace (FC) 3 fc
 Evaluation Outdoor: too low (overhead lighting turned off, nearby street lights on)
 Indoor: enough (artificial lights evenly distributed, additional desk lamps)

Photos

12:15 pm	 	 
3:30 pm	 	 
7:00 pm	 	 