

**Topic: Solar Geometry**



**Objective:** To allow students the understanding of how natural lighting affects interior spaces during different times of the day and different periods of the year.

**Assignment:** Utilizing your Residential design project students are to conduct a Solar Geometry exercise in Revit. The exercise shall consist of snapshots at specific times of the day during various times of the year Listed below to see how natural Sunlight affects the design of a commercial environment.

Assignment 2: Solar Geometry

Spring \_\_\_\_\_/25pts.

- a. 10:00 AM
- b. 12:00 PM
- c. 5:00 PM
- d. 9:00 PM

Summer \_\_\_\_\_/25pts.

- e. 10:00 AM
- f. 12:00 PM
- g. 5:00 PM
- h. 9:00 PM

Fall \_\_\_\_\_/25pts.

- i. 10:00 AM
- j. 12:00 PM
- k. 5:00 PM
- l. 9:00 PM

Winter \_\_\_\_\_/25pts.

- m. 10:00 AM
- n. 12:00 PM
- o. 5:00 PM
- p. 9:00 PM