

## EE 446 Assignment #1 Name:.....

It is a clear day in Las Vegas, NV, on September 21, 2019.

1. Calculate the hourly a) beam (i.e., direct normal) portion of solar irradiance, b) diffuse portion, and c) global solar irradiance that is received by a horizontal collector. Use the attached excel sheet.
2. Compare the calculated values above to the measured values found in <https://midcdmz.nrel.gov/apps/sitehome.pl?site=UNLV>.
- 3.

