

Assignment #2- *HVAC: “Energy Conservation Opportunities”***FOR THOSE ATTENDING THE De Anza Campus FIELD TRIP:**

Your assignment is to prepare a 3-4 page paper that summarizes at least seven (7) *HVAC- “Energy Conservation Opportunities”* that can/should be implemented for the HVAC systems serving the De Anza campus buildings in San Jose.

- Summarize the different types of existing HVAC systems that you saw at these buildings.
- Provide a brief description of each of the ECO’s that you are recommending and how feasible they would be to implement. Ventilation/human comfort/Indoor Air quality upgrades should be included in your ECO summary
- Explain why you feel that these ECO’s should be acted on; what benefit will they provide the users?
- Try to estimate what the overall \$\$ cost would be to implement each ECO.
- Rank the ECO’s in the order of feasibility (#1 being most feasible and #7 being least feasible).

FOR THOSE NOT ABLE TO ATTEND THE FIELD TRIP

If you were unable to attend the designated Field Trip; your assignment will be to perform the same type of analysis for a building of your choice (i.e. workplace, school, public facility. etc.) **You must also submit photographs documenting the types of HVAC systems that currently serve the building that you choose.**