

**Cuyamaca Building Scheduling for HVAC Optimization Map
Color Coded to Match the Cuyamaca HVAC Map**

Best Option for Off-Hours (outside Monday-Friday) classes:

- L Building Room L101, L102 or L103
- These rooms are ideal because they are package units so they use about \$1/hour as compared to running the central plant which costs \$120-160/hour

Second Best Option (Or, best option if there are more than three classes occurring):

- Building F 700s
- This is ideal because the F buildings each have separately air handlers. While they are on the central plant, using ONE F building instead of multiple F buildings will eliminate the need to run multiple air handlers. These buildings are old and have a very leaky building envelope, which means that the AC is already required to run longer than it would in a newer building.

If the central plant is running, it is ideal to keep all other classes scheduled in buildings on the central plant AND in the same building so that the minimal amount of systems are running on campus.

Buildings on the Central plant:

- B, D, C, E, F, H, I, K
- Consolidating night classes into one or a few of these buildings would be helpful. For example, moving all night classes currently scheduled in the F buildings into ONE of the F buildings would allow us to turn off the other systems. Another example would be, if there are night classes scheduled for the E building, consider putting ALL of the classes that night, no matter the subject, into the same floor of the E building and turning the rest off.
- Within each building there are HVAC zones, which make certain classrooms ideal to schedule together during these "off" times. Please refer to the building HVAC maps for these zones.
- Each system/building (off of the central plant) costs several hundred dollars per hour to run. Limiting late night classes to one building on the central plant would have a significant impact on the campus's energy consumption.