Lighting Dimming Controls

A. Dimmer and other Light Control Systems

1. The systems shall be placed, labeled, and configured to be 'user friendly and intuitive.
2. Dimming systems shall not be 'shared' among multiple rooms, unless those rooms are separated by a movable partition.
3. When the room size is above 400 square feet, the dimming system shall have its own 'software' to schedule the lighting, or otherwise save lighting energy when the space is un-occupied. Alternately, it may be connected into the building lighting control system when one is available
4. Whenever possible, install new systems to be similar in operation and function to other systems already in the building for easier understanding and operation on 'users'.
5. In rooms with an installed A/V system, the dimming controls shall be coordinated with and integrated into the user control panel (screen) of that A/V system so all controls can be centralized for the instructor (user of the space).

B. Lighting control systems

1. Lighting control systems installed to only save energy (scheduling, and/or otherwise saving lighting energy), may serve multiple rooms.
2. All rooms larger than 400 square feet shall be connected to the lighting control system of the building, and/or have its individual controls.
3. Lighting control systems shall be integrated into the overall building control system, and the installed dimming systems
4. In rooms with more than one door, provide a full set of controls at the most frequently used door. At the remaining doors provide controls for at least portion of the lights.
5. When an energy analysis determines that room ventilation can be reduced when the room is unoccupied or fume hood flow can be reduced when nobody is standing at the hood, connect one dry contact of the occupancy sensor to the lighting system and provide a second dry contact for use by the building DDC system.

C. Owner Training

Specify that the installing contractor train the occupants of the space on how to operate the system, and that University Maintenance and Operations be instructed in the proper setting, adjusting, and maintaing the equipment