

# Building Energy Performance Audits

Department: Mechanical Engineering

***Contact: Jennifer Mott Peuker, [jpeuker@calpoly.edu](mailto:jpeuker@calpoly.edu)***

The course project is doing a ASHRAE Level 1 Building Audit. As part of the audit, the monthly energy usage (electricity, hot and cold water for heating and cooling) is analyzed for a building on campus. Students tour the building, including the mechanical rooms and take measurements to confirm thermal comfort. The final report includes suggestions for how to reduce the energy use and save money.