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Name: \*

Date: \* / \* / \* Class Period: \*

## Commercial Building Energy Systems Student Lesson







### Introduction:

If you're going to learn about Building Automation Systems (BAS) you need to see them in action. That's what this lesson is all about.

Ideally, you'd see BAS in action firsthand. If you're a young student (especially in high school) that may be impossible. To get a firsthand look at this equipment requires you to go behind closed and locked doors—doors kept closed and locked for obvious safety reasons.

With our **Commercial Building Energy Systems** video we'll take you behind those closed doors. Our video is thirty-one firsthand minutes of seeing applications, appliances, and equipment working behind the scenes in a commercial building.

Here are our objectives for you, straight from the video script:

You're taking this virtual tour so you can understand...

- how big energy systems in a commercial building look,
- how they operate, and
- how they can be controlled so they run efficiently.

While watching the video you will recognize topics and concepts you've covered previously. We also sneak in several visuals that help to prepare you for topics that lie ahead. Importantly, we place a lot of what you'll learn in a valuable, professional context.

## Make sure you:

Finish this lesson strong, keep up the good work, and continue your smart start, learning about building energy management!

**Materials:** Appliance or device to watch the lesson video.

A commercial building to consider...your school building may be a good example.

Note taking materials—paper or digital.

Enlarged copy of this drawing from your teacher on which to make notes.

