

ASHLAND COLLEGE

Mobile Modular created an energy-efficient building for the ACTC Cosmetology program that seamlessly blends into the campus.

THE BACKGROUND

The Ashland Community and Technical College (ACTC) cosmetology program was operating in an aging facility and desired to relocate the program to an upgraded location. The initial design was prepared using site-built construction and included a complicated low-voltage lighting system and complex HVAC control system, pushing the project over budget. ACTC still wanted an energy-efficient building that could accommodate the needs of the program, including high use of hot water, and meet their budget and schedule constraints.



Customer Name: Ashland Community & Technical College

Project Location: Ashland, KY

Building Type(s): Modular Classrooms

Job Type: Sale

Total Sq. Ft.: 5,982 sq. ft.

THE SOLUTION

Our team provided a 5,982-square-foot building to the ACTC Cosmetology program that blends seamlessly into the campus. With Whitley Manufacturing, we worked with the project team to redesign the original layout to provide a more efficient workflow and reduce the cost of manufacturing and site installation. To make the building energy efficient, we utilized standard energy-efficient lay-in lights coupled with occupancy sensors in every room. The HVAC system was also redesigned to utilize electric heat pumps with programmable thermostats and CO2 sensors which improved indoor air quality. To accommodate the high use of hot water without natural gas being readily available, the team utilized a single, high-recovery, three-phase water heater that provides hot water for students and clientele at all times.

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BUILDING LAYOUT



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