



FLATWORK EDUCATIONAL

JACKSON COLLEGE CENTER FOR APPLIED TECHNOLOGIES

JACKSON, MI

Concrete Contractor: Albanelli Cement Contractors
Concrete Supplier: Shafer Redi-Mix
General Contractor: The McFate Group
Project Owner: Jackson College

The Jackson College Center for Applied Technologies Building project represents a \$6.8 million investment in workforce development and technical education in Jackson, Michigan. Designed to support hands-on training and advanced instruction, the facility provides modern learning environments for skilled trades for utilities and energy, industry 4.0, and sustainable technology, that directly align with regional workforce needs.

Albanelli Cement Contractors, in partnership with Shafer Redi-Mix, played a critical role in delivering a durable, high-performance building capable of supporting equipment, specialized laboratories, and flexible instructional spaces. The project included a unique laboratory space which allows the students to set a utility pole through the concrete slab and into the ground and climb it indoors. This was achieved by installing multiple manholes that could be simply vacuumed out at the end of each semester. This created a challenge for placing, finishing and jointing the concrete floors in this part of the building. Tight tolerances and finish requirements were essential to ensure compatibility with training equipment and instructional layouts.

Overall, the Jackson College Center of Applied Technologies Building demonstrates how well-executed concrete construction supports both functional performance and educational mission. The finished facility provides students with a robust, real-world learning environment while delivering a durable, long-lasting asset that will continue to educate the workforce of the future for many years to come.

