



# Titan Electric

## UNIVERSAL TECHNICAL INSTITUTE



Titan Electric was selected by Universal Technical Institute to be the electrical subcontractor for their new flagship campus in Lisle, IL. The project redeveloped an existing 20-acre site adding three two-story inter-connected buildings for approximately 1,500 students and 200 staff.

The new 185,000 square foot facility features 22 separate laboratories, including a number of manufacturer and part-specific training areas for hands-on training. A central laboratory space, the “high bay,” anchors the three buildings and serves as a focal point for the campus both internally and externally.



As many as 22 diesel engines are located throughout the property, including a diesel lab and tractor/trailer refrigeration labs. Specialty exhaust systems and carbon dioxide monitoring equipment were designed to prevent the contamination of lab space while vehicles are running.

Titan Electric involvement included the following:

- 4,000 amp 480/277 volt building electrical service
- Feeder distribution to over fifty power panels servicing motors, lifts, lathes, power drops, work benches and classrooms, as well as distribution to the HVAC and exhaust mechanical systems
- Energy efficient T5 lighting throughout the building
- Site lighting distribution and signage in parking lot to comply with the IECC 2012 energy codes
- MEPFP Design Build drawings that were generated through in-house 2D Cad and BIM modeling
- Complete addressable fire alarm system installed by Titan’s Low Voltage Division



Leopardo Construction was the general contractor for the project with architectural services provided by Partners by Design.

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