

The University of Toledo

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Memorial Field House Expand/Rehabilitate:

The rehabilitation and vertical expansion of existing Memorial Field House for general classroom building, including offices for selected academic departments. This is one of the first "Green Building" projects for the University of Toledo and they are on track to receive the LEEDS Silver Certification for it.



Project Scope:

IPS was responsible for tie-ins to the existing utilities and use steam to heat the building through fin tube radiation and VAV Units as well as supplying and the installation of (1) 60,000 CFM and (1) 40,000 CFM field erected Air Handling Units to supply the entire building. The building will operate from three mechanical rooms, two located on the main floor and one located on the third floor.

Challenges:

Field erection of the two AHUs is being done inside the existing building on the third floor. The challenge is to get the parts inside to the location and then to erect the unit which will only have 2" of clearance between the outside perimeter of the units and the inside perimeter of the room.

Another challenge is to make sure that the University of Toledo will receive the LEEDS Silver Certification. In order for this to happen we are challenged to recycle and resuse existing materials when possible, create and uphold an Indoor Air Quality Management Program, and complete commissioning record documentation of all equipment provided and installed.

Project Facts

Project Duration
11 Months

Total Project Cost
\$ 3.5 Million Mechanical

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