

Arizona State University

Tempe, AZ

Project Information

- Entire Bldg Area: 253,000 ft²
- Project Area: 80,000 ft²
- Construction Cost: \$25M
- Completion Date: Sept. 2008

Design Engineering

- Mechanical engineering to upgrade 1950's vintage air handlers with modern controls equipment and energy efficient motors.
- Systems design to meet LEED Gold certification.
- Variable frequency drives and variable volume for energy efficient air-systems
- New fire protection sprinkler system and standpipes designed in accordance with NFPA 13 and 14.
- Worked closely with the architect and mechanical contractor to ensure a trade coordinated installation.
- Weekly meetings to review progress of construction during the sixteen week construction schedule.

This project, completed the fall of 2008, included the restoration and renovation of the entire Arizona State University Memorial Union located on the Tempe campus following a fire that resulted in massive smoke damage. The project was completed under an extremely aggressive schedule to minimize the down time of the facility and to open for the 2008 fall semester. The student union is the central core of the campus providing services such as dining, recreation, study areas, ballrooms, offices, and conference spaces all for use by the students, staff, faculty and visitors. Our primary scope of work included mechanical and fire protection systems design on the 2nd/3rd floors with additional spaces on the lower floors as well as new egress stairs bringing the facility up to modern code standards.



ICDS

Innovative Construction & Design Solutions, LLC

419A Whitfield Street
Guilford, CT 06437
P: (203) 453-8596
F: (203) 453-7012
info@icdsllc.com