

RECREATION CENTER EXPANSION



GRAND VALLEY STATE UNIVERSITY
Main Campus – Allendale, Michigan
August 2001
Total Project Cost: \$2,400,000

Project Overview

In collaboration with Design Plus, the design entailed a 19,000 square-foot multi-story addition to the south side of the existing recreation center. The addition included teaching gymnasium specifically designed for conducting physical education classes, new free weight training center, cardiovascular exercise center, state-of-the-art spinning room, remodeled entrance lobby, and renovated administration offices. Modification and expansion of the existing mechanical HVAC systems and electrical systems was required. New digital lighting control and daylight harvesting control were implemented on this project with the capabilities to upgrade existing recreation space. New in-floor hydronic heating systems were added to the weight training and cardiovascular exercise rooms. Additionally, the cardiovascular exercise room has an in-floor power and communication system designed to provide each equipment station with multiple power and communication connections.

Services Provided

Mechanical and Electrical Engineering