

## Executive Summary

The Shepherd University Wellness Center allows for a balanced recreational program for the students, faculty, and staff of the University. Located in the center of Shepherd University's campus, the facility contains an eight-lane 25 yard swimming pool, two indoor gyms, an indoor elevated 1/10th mile jogging track, over 7,500 square foot weight and fitness area, two multi-purpose rooms, casual seating area, and administrative area.

The following report covers several topics regarding aesthetics, functionality, energy efficiency, and cost analysis. The lighting depth provides complete lighting re-designs for four spaces throughout the Wellness Center. Lighting design criteria, documentation, equipment, graphics, and performance data are provided for the Outdoor Entry, Rotunda, Multi-Purpose Room, and Fitness Room. The lighting designs for all spaces enhance the architecture and interior design while expressing excitement and movement throughout this exercise facility.

The existing electrical design was modified to meet the change in lighting design. Electrical depth topics include additional studies on equipment efficiency, cost, and functionality.

As part of the general goal to enhance the interior spaces and complete interdisciplinary studies in the design industry, an architectural breadth and an acoustical breadth aid in the redesign of the multi-purpose room.

The re-design solutions prove to be aesthetically pleasing, functional, and energy efficient. Each solution engages the users and emphasizes the Wellness Center's presence on campus.