

Featured Project

Solano Community College Building 1700A

Fairfield, California

Solano Community College was originally established in 1945 as a Junior College. Since then, it has grown to become part of California's public community college system, serving eight communities.

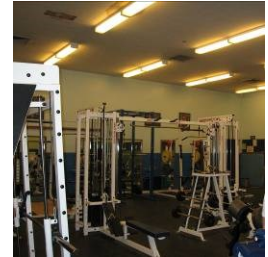
The Solano campus, encompassing 192 acres, with a student population of 11,000, required extensive modernization, as well as new construction to meet the demands of its growing community.

This project consisted of power distribution and lighting design for modernizations of a 30,000-square-foot gymnasium, which included, locker rooms, conference room, faculty offices, dance classrooms, weight rooms, concession stand, and sports medical rooms.

ArcSine's work included:

- Detailed field investigation.
- Coordination with on-site campus-owned fiber optic systems for telephone/data/fire/intrusion.
- Design of MDF and IDF distribution equipment.
- Fire alarm coordination.
- Complete lighting redesign utilizing energy-efficient fixtures, including T5 lamps.
- Lighting control system utilized Lutron's ECO-system for campus-wide integration.
- Design of central inverters for emergency lighting.
- New motorized bleachers/backstops/scoreboard.
- Smart Classrooms.
- Design of a new service entrance.
- Design of an Assisted Listening System.
- Complete engineering Services During Construction.

Electrical
Programming
Lighting
Power Distribution
Construction Services
Controls



Weight Room "Before"



Classroom "After"



Weight Room "After"



Sports Medicine "Before"



Sports Medicine "After"



Sports Medicine "After"



Gymnasium "After"



Gymnasium "Before"

