



COLLEGE OF SCIENCE AND MATHEMATICS FACULTY OFFICES EAST

This Post-Modern office complex is pioneering the LEED-EB Certification Process at Cal Poly in San Luis Obispo. Intended to evaluate operational and maintenance standards, this building provides a basis for measuring, recognizing and increasing sustainability campus-wide. The categories of the LEED-EB program will be used as a guide to develop existing sustainable features as well as implement additional improvements for environmental, economic and social benefits.

SUSTAINABILITY CERTIFICATION

Developed by the US Green Building Council, the Leadership in Energy and Environmental Design (LEED) program encourages and accelerates global adoption of sustainable green building and development practices. It supports sustainability through its creation and implementation of universally understood and accepted standards, tools and performance criteria.

LEED-EB

Application for LEED-EB
Silver Level 2007

Building Completion Date
1991

Size
30,088

Architect
The Steinberg Group

General Contractor
R.P. Richards, Goleta CA

Building Use
Faculty / Staff Offices

Construction System
Steel frame, exterior plaster

Construction Cost
\$3,200,000

SUSTAINABLE SITES

- potential for storm water runoff mitigation
- implement exterior building management program
- continue development of alternative transportation program

WATER EFFICIENCY

- scheduled upgrade to ultra low flow urinals, toilets and fixtures

ENERGY & ATMOSPHERE

- heating system converted to variable flow using DDC controls
- cooling for critical spaces provided by CFC free equipment
- fluorescent lighting retrofitted with high efficiency T8 and electronic ballast
- building wide occupancy sensors for lighting control
- skylights and atriums bring natural light through multiple building levels
- daylighting controls shut off lights when natural light levels are adequate

MATERIALS & RESOURCES

- implement source reduction and waste management policy
- increase occupant recycling through education and recycling locations
- use sustainable cleaning products

INDOOR ENVIRONMENTAL QUALITY

- provide additional exterior smoking areas
- continue to use environmentally friendly cleaning products
- promote long life cycle hard surface flooring throughout main hallways
- maintain operable windows provide natural ventilation
- low maintenance user-controllable hot water radiators for heating

INNOVATION IN OPERATIONS & UPGRADES

LEED Accredited Professional

