PROJECT DESCRIPTION

The Humanities & Arts Building consists of 45,000 square feet of new space for the English, Visual Arts, Music, Speech and Foreign Language programs. The building includes state-of-the-art “smart” classrooms equipped with computers and audiovisual and multimedia equipment. It also includes a 60-seat lecture theatre, a recording studio, studio space for drawing, painting and ceramics, and office space for faculty and staff.

The Math & Business Building consists of 45,000 square feet of new “smart” business computer classrooms, computer labs, a mathematics research center and office space for faculty and staff.

Both projects were awarded a Leadership in Energy and Environmental Design (LEED) Silver certification from the U.S. Green Building Council. Both projects were named “Projects of Distinction” winners in the 2008 Education Design Showcase, honoring innovative yet practical solutions in planning, design and construction of higher education facilities.

SUSTAINABLE FEATURES

Sloped roofs provide north-facing clerestory windows (a band of narrow windows along the very top of a high wall, allowing light to filter into adjacent spaces) and south-facing photovoltaic panels. The design includes efficient thermal “massing,” which delays the transfer of heat throughout the course of a day, and minimizes the impact of a heating or cooling load on a building.

All windows utilize ‘high performance’ glass that allows sunlight to filter into the building, but reduces the amount of UV light and solar heat entering the building. Recycled materials, high efficiency lighting, plumbing and mechanical systems are used throughout.

BIM

Building Information Modeling (BIM) allowed the design team to study building orientation and optimize efficiencies in ‘model space’ before building in real space. Using BIM can help detect possible conflicts that could arise during building construction, and it can help better sequence construction activities.
PROJECT NAME ................................................................. ARTS & HUMANITIES AND BUSINESS & MATHEMATICS BUILDINGS
FUNDING SOURCE ............................................................... PROPOSITION N
ARCHITECT ................................................................. NTD ARCHITECTURE
CONSTRUCTION MANAGER .............................................. SUNDT CONSTRUCTION
ELECTRICAL ENGINEER .................................................... MICHAEL WALL ENGINEERING
MECHANICAL ENGINEER .................................................. DCE, INC.
STRUCTURAL ENGINEER .................................................. WISEMAN + ROHY STRUCTURAL ENGINEERS
CAMPUS PROJECT MANAGER ........................................... JAMES BRAY, GAFCON, INC.
PROJECT MANAGER .......................................................... TYLER CAMPBELL, GAFCON, INC.
PROPOSITIONS S AND N PROGRAM MANAGER ............... GAFCON, INC.
CONSTRUCTION TIMEFRAME ........................................... 2009 - 2010
PROJECT BUDGET ............................................................. $31.2 MILLION