Rev. James G. Gambet
CENTER FOR BUSINESS AND HEALTHCARE

DESALES UNIVERSITY
CENTER VALLEY, PA

BUILDING STATISTICS

size	77,000 square feet
cost	$27 million
number of floors	2 floors above grade
project delivery	Design-Bid-Build (CM-at-Risk)
construction dates	June 2011 - November 2012
occupancy	Business (B)

PROJECT TEAM

owner	DeSales University
architect	Breslin Ridyard Fadero Architects
construction manager	Alvin H. Butz, Inc.
mechanical/electrical	Snyder Hoffman Associates
civil/structural	Barry Isett Associates
LEED® consultant	7group

ARCHITECTURE

The Gambet Center was designed to be a state of the art facility that incorporates high levels of technology in the classroom while maintaining an emphasis on sustainability and healthy occupancy. An open lobby and seating area creates a welcoming feeling conducive to interaction outside the classroom. All faculty offices are located on the exterior of the building to provide expansive windows with an abundance of natural sunlight. A red brick exterior with limestone trim was used to retain a similar look to other DeSales buildings, with composite aluminum wall panels to give the Gambet Center a unique style on campus.

BUILDING SYSTEMS

STRUCTURAL

- 4” slab on grade foundation
- Two story structural steel frame
- 3-½” floor slab on 1-½” steel metal deck
- Built up EPDM roof membrane on 1-½” steel roof deck

MECHANICAL

- Combination air and water based systems
- Two natural gas fired water boilers
- Eight packaged gas fired VAV rooftop units (four with heat recovery) for heating and cooling
- High efficiency units for LEED® accreditation

ELECTRICAL

- 12,470V feed from campus substation to exterior 480/277V transformer
- Incoming 480/277V, 3 phase power
- 2000 amp switchboard with 480/277V distribution with 208/120V step down transformer
- Two natural gas fired emergency generators (100 and 70 kW)