



COLLEGE & UNIVERSITY EXPERIENCE

Loftus Engineers, LLC has provided significant engineering and professional services to the *College & University* construction market since 1923. The experiences identified below illustrate a sampling of projects performed by our current staff. We maintain the capability and resources to support of all of your higher educational building and construction needs.

1. University of Pittsburgh, Oakland Campus, Pittsburgh, PA

- Sutherland Hall. Project Management and Oversight, \$ 26 million dollars
- Chemistry Building – Master Plan & Design for Wet Lab Upgrades
- Towers Dormitory – Designed replacement makeup air units
- New Boiler Plant Conceptual Engineering
- CFC Compliance Plan & Chiller Replacement Program
- Comprehensive Facilities Audit Assessment
- Energy Planning and Reduction Program
- Steam Distribution Operations Program Manager
- Operational Deficiency Analysis and Connection
- Project Oversight \$6 Million Football Locker Room & Training Room Renovation
- O’Hara Street Steam Line Replacement
- Desoto Street Steam Line Replacement
- Salk Hall Dental School Renovation
- Benedum Hall Alterations
- Cathedral of Learning Computer Lab
- Crawford Hall Ventilation
- North Chilled Water Plant Bid Documents
- Clap Hall – Replacement HVAC & Labs

2. University of Pittsburgh, Greensburg, PA

- Common Facilities Building (gymnasium, cafeteria, and two-story wing with locker room, training center and offices)
- Library – Air Conditioning Replacement

3. Carnegie Mellon University, Pittsburgh, PA

- Replacement of Boiler # 4 at Bellefield Boiler Plant *
- Cogen Feasibility Study at Bellefield Boiler Plant *
- Master Plan – Chilled Water
- CMRI Research Building (60,000 SF Lab for Advancing New Technology)
- Mellon Institute – Various Research Laboratories
- Dormitory Renovations
- Posner Hall Renovations



Loftus Engineers

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- Mellon Institute – Fume Hood System Fan Replacement
 - New University Center - (Gymnasium, Natatorium with 3-Lap and Diving Pool, Squash and Racquetball Courts, 450 Person Auditorium, Kitchen, Dining Areas, Multi-Purpose Rooms, Conference Center, Ballroom, Lounges, Locker Rooms, Campus Radio Station And Retail Space.)
4. Duquesne University, Pittsburgh, PA
- Brottier Hall High Rise Residence – HVAC and Code Updates *
 - Brottier Hall High-Rise Residence – Data and Telecom Design *
 - Brottier Hall High-Rise Residence – Fire Protection Design *
 - Mellon Hall – Laboratory Master Plan *
 - Mellon Hall – Air Handlers, HVAC Improvements *
 - Master Plan – Phase I Utility Support *
 - Master Plan – Master Plan Utility Report *
5. Community College of Allegheny County, Pittsburgh, PA
- CCAC North – Lighting Upgrades *
 - CCAC North – Computer Room AC Replacement *
 - CCAC Main – Milton Hall Unit Ventilator Study *
 - CCAC South – Campus Water Service Upgrade *
 - CCAC Main – Relocation of Fire Hydrants *
 - CCAC Main – Mellon Hall Make Up Air Replacement *
 - CCAC Boyce – Campus Bridge Snow Melt *
 - CCAC Main – Computer Room Halon Replacement Study *
 - CCAC Main – Maintenance Training Video *
 - CCAC Boyce – Replace Main Heating Boiler *
 - CCAC Boyce – Toilet Room Exhaust System Study and Upgrade *
6. West Virginia University, Morgantown, WV
- MPRT – Hydronic Heating System, Various Renovations
 - Performed Field Surveys
 - Ceasar Pipe Stress Analysis
 - Assisted in the design of the system
 - Boreman Residence Hall Heating System Renovations
 - Recreation Center – Electrical service and steam service modifications
 - Designed steam piping, condensate piping, and steam vaults.
 - WVU- Life Science Building, Electrical and Steam Service
 - Designed steam piping, condensate piping, and steam vaults
 - Public Rapid Transit System Hydronic Heating System Modifications
 - Facility Engineering – Various Task Order
 - Medical Center Chilled – Water Plant



7. Slippery Rock University
 - Apartment style residence complex
8. St. Francis University
 - Dormitory Renovations
9. Geneva College
 - Dormitory Renovations
10. California University of PA, California, PA
 - New Steam Distribution System
11. Susquehanna University
 - Science Building Renovation
 - Acid Waste & Deionized Water Systems
 - Plumbing
 - Fire Protection
12. Indiana University of Pennsylvania
 - Walter Haller Theater Renovation
13. Bethany College
 - New Recreation Center
14. Penn State University, University Park, PA
 - Thompson Hall – Power & Telecom infrastructure upgrades
 - Indoor Sports Complex
 - Pattee Library, East Wing Renovations
15. Franciscan University of Steubenville, Steubenville, OH
 - New Science Building
16. Thiel College, Greenville, PA
 - Howard Miller Center Renovations and Additions
17. Washington & Jefferson College, Washington, PA
 - Dieter-Porter Life Science Building
18. Lycoming College, Williamsport, PA
 - HEIM Science Building