

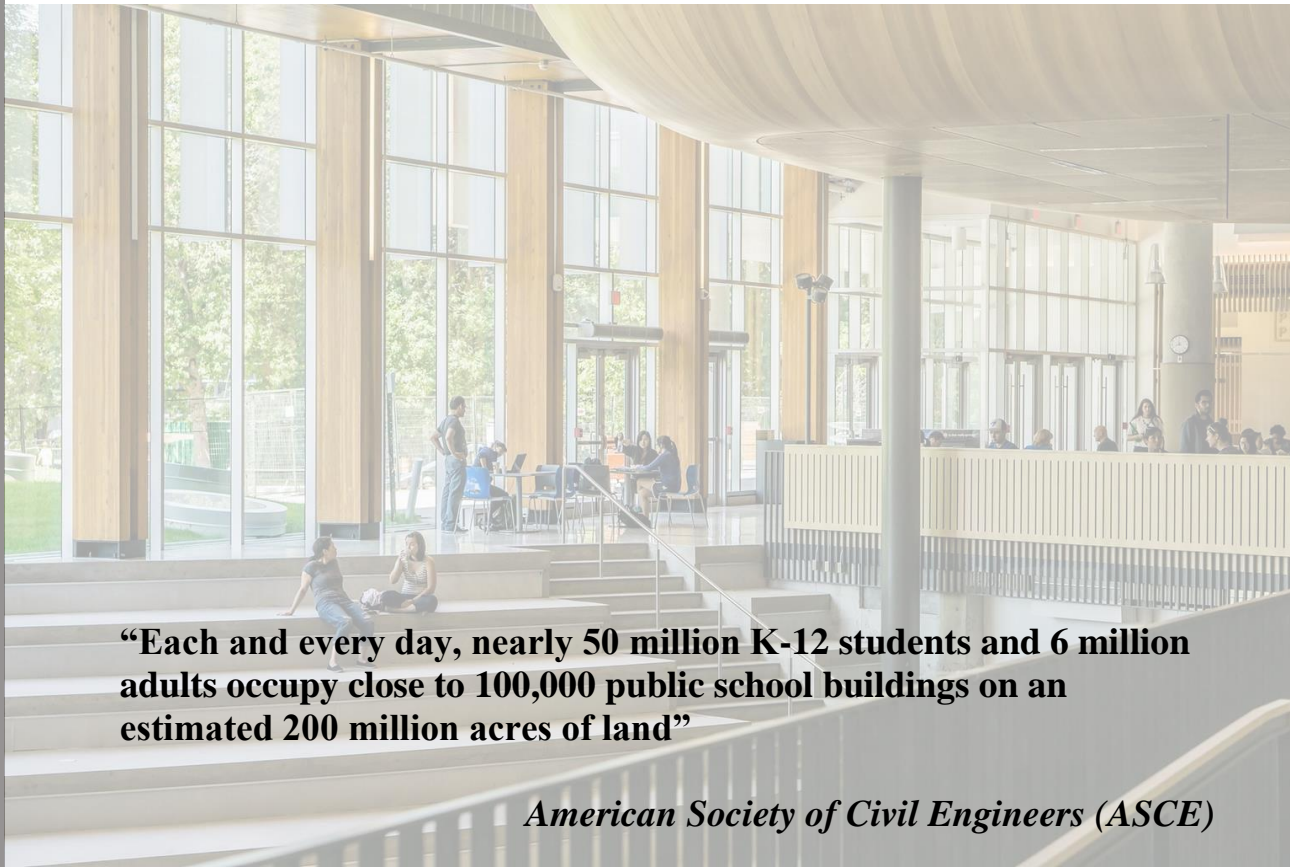


East Hills Engineering Associates LLC

541 Main Street, Windber, PA 15963 (814) 467.6877 www.easthillseng.com

Educational Facilities

As education continues to evolve, so must the engineering of educational facilities. Educational facilities planning is a complex structure of interrelated issues, needs, priorities and functions. At East Hills Engineering, we embrace the ever changing environment then analyze environmental concerns and energy conservation concerns to develop our designs to fit the project goals, and more importantly, the project budget. This ensures that any educational facility will be flexible enough to accommodate current needs as well as carry each facility into the future.



“Each and every day, nearly 50 million K-12 students and 6 million adults occupy close to 100,000 public school buildings on an estimated 200 million acres of land”

American Society of Civil Engineers (ASCE)

East Hills Engineering Associates, LLC has the experience and understanding needed to ensure that every type of educational facility, no matter how big or small, receives the highest quality engineering and design services. Whether the design is for a large new facility, small addition or an upgrade to an existing system, we will work to find an appropriate and most cost-effective solution.

Our Engineers and Designers have extensive experience in Primary/Secondary Schools (K-12), as well as Post-Secondary (Higher Education) facilities. We understand how important education is and the important civic, educational and public safety roles that each school, college or university plays in our communities.



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Educational Facilities – K-12

We are proud to have been involved with many School Districts, offering our expertise in feasibility studies, new facility construction, energy upgrades and renovations, water heating system upgrades, and electrical and HVAC system replacements.



“They are a great group of people who work together to meet the goals of the district and needs of the project. They stand behind their work and are open to any questions at any time, even after the project is completed. I would recommend East Hills Engineering to any school district that has a building project or major renovation plan.

Joseph Renzi, Superintendent
Salisbury-Elk Lick School District

East Hills Engineering Associates assisted Hollidaysburg Area School District in the design and replacement of our geothermal coupled Natatorium HVAC Dehumidification units. We found East Hills Engineering staff to be very knowledgeable and accommodating to the district's needs. I would consider using the services of their firm again if the need would arise.

Mr. Jonathan Nihart, Director of Physical Plant
Hollidaysburg Area School District

Our Listen first approach to Building Systems design helps us understand the challenges that each facility faces in the short term while allowing us to incorporate flexibility that might help mitigate future needs. We pull from extensive experience as well as a vast network of industry resources such as APPA, ASHRAE, USGBC, ASPE and NFPA to provide technically sound, budget appropriate and state of the art designs to help Educational Facilities Planners direct efforts where they are needed.”



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Sample Projects – K-12

Conemaugh Township Area School District

- *HS/MS Locker Room Facility Upgrades*
 - *New Fieldhouse*
 - *Accessibility Improvements*
- Mechanical, Plumbing and Electrical



Hollidaysburg Area School District

- *Replacement of Natatorium Rooftop Geothermal Heat Pumps*
- Full Mechanical, Electrical and Plumbing

Salisbury-Elk Lick School District

- *Feasibility Studies*
- *HS Heating System Replacement*
- *Elementary School Addition of Air Conditioning*



Windber Area School District

- *Multiple Feasibility Studies*



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Project List - K-12

Bedford Area High School

*Locker Room/Weight Room Renovation
Mechanical and Electrical*

Johnstown High School

*Cochran Auditorium Air Conditioning
Electrical, Structural and Construction*

Juniata Valley Elementary School

*Water Heating System Replacement
Mechanical and Electrical*

Mount Pleasant Area School District

Donegal Elementary School

Ramsey Elementary School

Norvelt Elementary School

Jr./Sr. High School

*Energy Upgrades and Renovations
Mechanical and Electrical*

Moshannon Valley High School

*Indirect Fired Water Heater Tanks Replacement
Mechanical and Electrical*

Williamsburg School District

Replacement of Emergency Generator – High School

Upgrade Boiler Controls – High School & Elementary Schools

Domestic Water Controls Upgrade – High School

Generator Feasibility Study – High School & Elementary Schools

Mechanical and Electrical





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Educational Facilities - Higher Education

We pull from extensive experience as well as a vast network of industry resources such as ASHRAE, USGBC, ASPE and NFPA to provide technically sound, budget appropriate and state of the art designs to help facility managers direct funds where they are needed the most.

"Campus facilities and space are an integral and expensive resource that has a dramatic impact on the ability of higher education institutions to accomplish our primary missions of instruction, research and public service."

The innovative, effective and efficient use of the campus facilities and the environment is a shared goal among member institutions and all of higher education."

-Higher Education Facilities Management Association (HEFMA)

East Hills Engineering Associates has served as the Facilities Engineer for Juniata College and The Allegany College of Maryland for several years. The physical plant and maintenance personnel at these institutions know they can rely on our personnel to provide outstanding service and our LOCAL presence means that we are available when the need arises.





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Sample Projects – Higher Education



Kepple Hall – *Integrated Media and Studio Arts Building*

New Construction approximately 10,000 square feet.
EHEA provided full MEP Services.



Brumbaugh Academic Center – *Alumni Hall and Front Entrance*

Renovation of existing Front Entry and 4,800 sf Auditorium
EHEA provided full MEP Services.





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Sample Projects – Higher Education



Swigart Enrollment Center – Renovations and Addition

Addition of 1,600 sf of Office space
EHEA provided full MEP Services



Ellis Hall – Renovations and Addition

Addition of elevator and community spaces
EHEA provided full MEP Services



Good Hall – Renovations and Addition

Addition of elevator and classroom spaces
EHEA provided full MEP Services





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Project List – Higher Education

ALLEGANY COLLEGE OF MARYLAND

Contact: Adam Phipps, Director of Physical Plant (301)- 784-5262

Allied Health Building

(AH)

Mechanical and Electrical

Continuing Education

Building (CE)

Mechanical, Plumbing,

Electrical Drawings,

Technical Specifications

and Construction Services



Humanities Building (H)

Mechanical and Electrical

Infrastructure

On going Consulting Services involving buildings and ground both direct and indirectly

P.E. Building – Geothermal (G)

Mechanical and Electrical

Science Building - HVAC Problem (S)

Mechanical

Office Addition/Book Store (CS)

Mechanical, Plumbing and Electrical





Project List – Higher Education

ST. VINCENT'S COLLEGE, Latrobe PA - Multiple Projects

Basilica

Add Air Conditioning, replace heating and upgrade ventilation

Campus Steam System Study

Library

New HVAC System

Multiple Classroom and Dorm Building upgrades including:

Rodrick Hall

Placid Hall

Rooney Hall



JUNIATA COLLEGE, Huntingdon, PA – Multiple Project since 2009 including:

Ellis Hall – Food Services Facility Upgrade

Replace all Mechanical and Electrical equipment related to food services and renovate existing HVAC, electrical and plumbing systems to accommodate upgrades.

New Student Resident Hall – Nathan Hall

Provided full MEP/FP design services for new Arts Building

Multiple Classroom and Dorm Building upgrades including:

Sherwood Hall boiler replacement

Sunderlund Hall boiler replacement

Tussey Terrace Hall boiler replacement

Ellis Hall Elevator addition

Good Hall Elevator addition



New Integrated Media and Studio Arts Building – Kepple Hall

Provided full MEP/FP design services for new Arts Building

UNIVERSITY OF PITTSBURGH AT JOHNSTOWN – Johnstown, PA - Multiple Projects



University of
Pittsburgh
Johnstown