

JMS Acoustics assists with the acoustical aspects of new and existing educational facilities. Proper acoustics facilitates better communication between educators and students, and reduces learning barriers. We provide solutions for the sound isolation from exterior noise and between adjacent interior spaces.

We utilize ASHRAE methods to develop comprehensive acoustical models for the evaluation and control of noise and vibration from mechanical systems. Outdoor sound evaluations are used to assess compliance of rooftop mechanical systems with the limits of applicable noise ordinances.



Penn State Millennium Science Complex

Spread-sheet based models are used to evaluate reverberation times within core learning spaces and specialty classrooms. More complex auditoriums and theaters are evaluated using three-dimension CAD models.

We have specific design experience with achieving LEED for Schools certification. JMS Acoustics provides commissioning sound measurements to evaluate outdoor sound levels, sound isolation, reverberation times, and interior background sound levels due to mechanical systems.

REPRESENTATIVE PROJECTS

Child Development Inc Tamaqua, Tamaqua, PA.
Universal Technical Institute, Exton, PA.
Keiss Library, Gwynedd Mercy University, Lower Gwynedd Township, PA.
Choral Room, Central Bucks High School West, Doylestown, PA.
Media Center, Paxinosa Elementary School, Easton, PA.
Trenton Central High School, Trenton, New Jersey.
Gloucester City Elementary/Middle School, Gloucester City, NJ.
Peaceful Living Creative Gifts, New Britain, PA.
Luzerne County Community College Culinary School, Nanticoke, PA.
Penn State Millennium Science Complex, State College, PA.
Lower Nazareth Elementary School, Nazareth, PA.
Northwestern Lehigh School District Middle School Auditorium, New Tripoli, PA.
Brookdale Community College Distance Learning Center, Freehold, NJ.*
Raritan Valley Community College, Branchburg, NJ. *
Passaic High School Auditorium Renovations, Passaic, NJ.*
Kean University, New Jersey Center for Center for Science, Technology, and Mathematics, Union, NJ.*
Montclair State University Combined Heat and Power Plant, Montclair, NJ.*
Kent Place School Music Wing Addition, Summit, NJ.*
Pequannock Township High School Auditorium Renovations, Pequannock Township, NJ.*
Library Mechanical Systems, Fairleigh Dickinson University, Florham Park, NJ.*
Rutgers Preparatory School LEED Evaluation, New Brunswick, NJ.*
Newark Public Schools Student Center HVAC, Newark, NJ.*
The Frisch School Student Lounge, Paramus, NJ.*

REPRESENTATIVE PROJECTS (continued)

Passaic County Technical Institute, Wayne, NJ.*
East Hampton High School & Elementary School Additions & Renovations, East Hampton, NJ.*
New York City School Construction Authority Various School, New York, NY.*
Union Seminary Classroom Acoustics, New York, NY.*
New Early Childhood Center School, Trenton, NJ.*
Marshall Street School, Paterson, NJ.*
Stevens Institute of Technology, Hoboken, NJ. *
Sayreville War Memorial High School, Parlin, NJ.*
Cicely Tyson School for the Performing Arts, East Orange, NJ.*
The Frisch School Auditorium/Synagogue Addition, Paramus, NJ.*
Phillipsburg High School, Phillipsburg, NJ.*
Hudson County Community College Culinary Arts Institute, Jersey City, NJ.*
Ramapo College of New Jersey, Mahwah, NJ.*
Garfield Middle School, Garfield, NJ.*
North Brunswick High School Vocal and Music Rooms, North Brunswick, NJ.*
Churchill Junior High School, East Brunswick, NJ.*
Diller-Quaile School of Music. New York, NY.*
Bucknell University, Lewisburg, PA. *
Absegami and Oakcrest High School Auditoriums, Galloway, New Jersey.*
New Egypt Elementary School Multi-Purpose Room, New Egypt, NJ.*

*Denotes work completed by Principal Consultant J. Michael Spencer while at previous employer.