

# PHYSICS for ARCHITECTS II



## PHYS 0009: Physics for Architects II

- specifically designed for Penn's undergrad ARCH majors!
- an ARCH-centric approach to relevant physics topics
- you can take PHYS 0009 without first taking PHYS 0008, as long as you learned some basic physics in high school
- frequent guest visits by Richard Farley (ARCH 4350/4360)
  
- covers waves, acoustics, optics, fluids, heat, electric circuits
- cooperative active-learning round-table format, MW1:45-3:15p
- many, many hands-on activities to build intuition!
  - Examples: auditorium acoustics tour; single-string guitar
- offered even-numbered fall terms: 2024, 2026, 2028, etc
  
- fulfills Quantitative Data Analysis foundational approach
- also College Sector VII (natural science across disciplines)
  - note that our companion course, PHYS 0008, meets in odd-numbered fall terms (2023, 2025, etc) and fulfills College Sector VI (physical world), but not QDA

details at [positron.hep.upenn.edu/physics9](https://positron.hep.upenn.edu/physics9)

Bill Ashmanskas, [ashmansk@physics.upenn.edu](mailto:ashmansk@physics.upenn.edu)