

Acoustics Engineering

Course Contents

- Chapter [1] Acoustic Waves and Sources
- Chapter [2] Dynamically Analogous Circuits
- Chapter [3] Acoustic Transducers
- Chapter [4] Environmental Acoustics

Reference Books

- **Beranek, L. L.**, Acoustics, McGraw-Hill, Inc., 1993.
- **Egan, M. D.**, Architectural Acoustics, McGraw-Hill, Inc., 1988.
- **Irvine, L. K. and Richards, R. L.**, Acoustics and Noise Control Handbook for Architects and Builders, Krieger Publishing Company, 1998.
- **Beranek, L. L.**, Noise and Vibration Control, McGraw-Hill, Inc., 1971.
- **Kinsler, L. E., and Frey, A. R.**, Fundamentals of Acoustics, John Wiley & Sons, 1982
- **Everest, F. A.**, The Master Handbook of Acoustics, McGraw-Hill, 1994.
- **Knudsen, V. O. and Harris C. M.**, Acoustical Design in Architecture, John Wiley & Sons, 1978.

Web resources

- [Audio Engineering Society](#)
- [The Acoustical Society of America](#)
- [Institute of Noise Control Engineering](#)
- [American Institute of Architecture](#)
- [Institute of Electrical and Electronics Engineers](#)
- [American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc](#)
- [Professional Lighting and Sound Association](#)
- [Society of Motion Picture & TV Engineers](#)
- [Society of Broadcast Engineers](#)
- [International Association of Lighting Designers](#)
- [American National Standards Institute](#)
- [Illuminating Engineering Society of North America](#)
- [Motorola](#)
- [Dolby Laboratories Inc.](#)