SOUND & MUSIC, SOME REFERENCES

W.F. Boyce, Hi-Fi Stereo Handbook (Sams, Indianapolis, 1972) - technical, but readable. TK7881.7.B6
H. Helmholtz, On the Sensations of Tone (Dover, New York, 1954) - an old detailed classic. ML3820.H479.L51
C.M. Hutchins, The Physics of Music (Freeman, San Francisco, 1978) - selected readings from the Scientific American - recommended reading on a reasonable level. ML3805.P578
Johnston, Ian, Measured Tones (Hilger, Bristol, Philadelphia, 1988) ML 3805 J63 1989, an enjoyable and readable book, on course level
S. Levarie and E. Levy, Tone - A Study in Musical Acoustics, 2d ed. 1980. Bobst has 1st ed. ML3807.L655, readable, geared to musicians
M.J. Moraveslik, Musical Sound (Paragon, New York, 1987). ML3805.M65, on course level, geared to musicians
H.F. Olson, Music, Physics and Engineering (Dover, New York, 1967). - technical. ML3807.J835, has much useful information, particularly if you want to go a bit more deeply into some aspects.
H.F. Olson, Modern Sound Reproduction (Van Nostrand - Reinhold, New York, 1972) - technical. TK7881.4.045, similar comment as for previous Olson book.
R.E. Runstein, Modern Recording Techniques (Sams, Indianapolis, 1974) - technical, but readable. TK7881.6.R79
J. Sundberg, The Science of the Singing Voice (Northern Illinois University, Dekalb, 1987) MT821.S913, for the specialists
O.G. Symko, Physics of Hi-Fi (Kendall/Hunt, Dubuque, Iowa, 1995) - Analog to digital, specialized
C.A. Taylor, The Physics of Musical Sounds (English Universities Press, London 1973) - excellent, but a sophisticated mathematical treatment. ML3807.T239.P5, excellent, a bit too high level for this course, but worth looking at
C.A. Taylor, Exploring Music - The Science and Technology of Tones and Tunes (Institute of Physics, Bristol, 1992) ML3805.T225 - nice experiment descriptions
H.E. White and D.H. White, Physics and Music (Saunders College, Philadelphia, 1980) ISBN 9780030452468, was used as text a few times, but somewhat old.

F. Winckel, Music, Sound and Sensation (Dover, New York, 1967) - an update of Helmholtz. ML3805.W55


http://www.physicsclassroom.com/Class/sound/soundtoc.html (called The Physics Classroom, and is a high school tutorial with basic explanations and animations)

**http://hyperphysics.phy-astr.gsu.edu/hbase/hframe.html (will take you to various physics courses)

**http://hyperphysics.phy-astr.gsu.edu/hbase/sound/p2030.html (will take you to a great course: Hyperphysics at Georgia State, Physics 2030K: Physics of Music and Speech)

Google: Acoustics active calendar Carl R. Nave, Georgia State