

PH 110 Sound & Light Vocabulary List

You should know the definition of each term before the exams.

A

Acceleration
Additive color theory
Amplification
Amplitude
Angle of incidence
Angle of reflection
Angle of refraction
Area
ASA number

B

Beat frequency
Binaural hearing

C

Capture ratio
Charge
Chroma
Chromatic aberration
Chromaticity diagram
Complementary colors
Concave lens
Concave mirror
Conservation of energy
Constructive interference

Convex lens
Convex mirror
Critical angle
Current

D

Damping
Decibels
Depth of field
Destructive interference
Diffraction

E

Ear: Function of

- anvil
- basilar
- membrane
- ear drum
- hammer
- organ of Corti
- oval window
- stirrup

EM waves
Equilibrium position

Eye: Function of

- aqueous humor
- blind spot
- ciliary ruff
- cones
- cornea
- iris
- lens
- optic nerve
- pupil
- retina
- rods
- vitreous humor

Eye: Troubles

- astigmatism
- color blindness
- far sightedness
- near sightedness

F

f stop
Force
Frequency
Friction

G

Glare

H

Harmonic distortion
Harmonics
Heat
Holography
Hue

I

Impedance matching
Index of refraction
Intensity
ISO number

K

Kinetic energy

L

Length
Light waves
Lissajous figures
Longitudinal wave

M

Mass
Metamers

O

Octaves
Optical activity
Oscillating system

P

Parallel circuit
Period
Pitch
Plane mirror
Polarization
Potential energy
Power

Primary colors

R

Ratios
Ray tracing
Real image
Reflection
Refraction
Resistance
Resonance

S

Scientific notation
Secondary colors
Selectivity
Semitones
Sensitivity
Series circuit
Shadows
Shutter speed
Signal-to-noise ratio
Speed
Spherical aberration
Sound waves
Spatial interference
 pattern
Subtractive color
 theory
Superposition of
 waves
Sympathetic
 vibrations

T

Temporal
 interference
pattern

Time

Total internal reflection
Transverse wave

V

Value
Velocity
Virtual image
Visual illusions
Voltage
Volume

W

Wavelength