

PH 110 Sound & Light Vocabulary List

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

| A | D | H |
|---|--|--|
| Acceleration Amplification Amplitude Angle of incidence Angle of reflection Angle of refraction Area | Damping Decibels Destructive interference Diffraction | Harmonic distortion Harmonics Heat Holography |
| B | E | I |
| Beat frequency Binaural hearing | Ear: Function of anvil basilar membrane ear drum hammer organ of Corti oval window stirrup | Impedance matching Index of refraction Intensity |
| C | F | K |
| Capture ratio Charge Chromatic aberration Concave lens Concave mirror Conservation of energy Constructive interference Convex lens Convex mirror Critical angle Current | EM waves Equilibrium position | Kinetic energy |
| L | G | M |
| Length Light waves Lissajous figures Longitudinal wave | Force Frequency Friction | Mass |
| O | G | M |
| Octaves Optical activity Oscillating system | Glare | Mass |

P

Parallel circuit
Period
Pitch
Plane mirror
Polarization
Potential energy
Power

R

Ratios
Ray tracing
Real image
Reflection
Refraction
Resistance
Resonance

S

Scientific notation
Selectivity
Semitones
Sensitivity
Series circuit
Shadows
Signal-to-noise ratio
Speed
Spherical aberration
Sound waves
Spatial interference
pattern
Superposition of
waves
Sympathetic
vibrations

T

Temporal
interference
pattern
Time
Total internal
reflection
Transverse wave

V

Velocity
Virtual image
Voltage
Volume

W

Wavelength