

MEMT 455: Psychology of Music
Hearing Mechanism Experiential

Investigate your assigned part of the hearing mechanism. In class, be prepared to demonstrate the function and purpose of your assigned part

OUTER EAR

Ear shell (pinna) - _____
Auditory canal (external auditory meatus) - _____
Eardrum (tympanum) - _____

MIDDLE EAR

Eustachian tube - _____
Hammer (malleus) - _____
Anvil (incus) - _____
Stirrup (stapes) - _____
Oval window - _____

INNER EAR

Cochlea (general function and location) - _____
Round window - _____

(In the Cochlea)

Vestibular canal (scala vestibule) - _____
Tympanic canal (scala tympani) - _____
Helicotrema - _____
Perilymph - _____
Endolymph - _____
Reissner's membrane - _____
Basilar membrane - _____
Organ of Corti - _____
Tectorial membrane - _____
Hair cells - _____
Stereocilia - _____
Afferent nerves - _____
Efferent nerves - _____

BRAIN

Auditory nerve - _____
Ventral cochlear nucleus (in the brainstem) - _____
Dorsal cochlear nucleus (in the brainstem) - _____
Superior olivary complex (in the midbrain) - _____
Inferior colliculus (in the midbrain) - _____
Lateral lamniscus (in the midbrain) - _____
Reticular formation (in the midbrain) - _____
Medial geniculate (in the thalamus) - _____
Auditory cortex (in the cerebral cortex) - _____