# Demonstrating Assistive Technology for Deaf and Hard of Hearing

## Knowledge and Skills

1. Understanding and Defining Hearing Loss
2. Hearing loss
	1. Sensorineural Hearing Loss
	2. Conductive Hearing Loss
	3. Congenital/pre-linguistic onset
	4. Acquired (including age-related)
3. Hard of Hearing (HOH)
4. Deaf
5. Deaf/Blind
6. Identify Assistive Technology for Deaf and HOH in the following categories
7. Face-to-face communication
8. Small/Large group communication
9. Environmental Considerations
10. Distance communication (telephone, conference calls, on-line meetings)
11. Vibrating and flashing alerts (Phone, Signaling, Fire, etc.)
12. Understand and explain vocabulary related to specific devices, features, and functions
13. Assistive Listening Device
14. FM System
15. Infrared System
16. Loop Systems
17. Hearing Aid
18. Amplification
19. Video Captioning (Open / Closed)
20. Communication Access Realtime Translation (CART)
21. Mono vs. Stereo Audio
22. Telecommunications Relay Services (TRS)
23. Video Relay Services (VRS)
24. Voice Carry Over (VCO)
25. Hearing Carry Over
26. American Sign Language (ASL)
27. Sign Language Interpreters
28. Video Remote Interpreting Services (VRI)
29. Computer Access Devices
30. Mobile Device Access
31. Telecoil
32. Bluetooth
33. Able to compare and contrast at least three products in each subcategory, including multiple/diverse manufacturers
34. Assistive Listening Device or System
35. Amplification/Clarity Technology
36. Alerting Device
37. Active Hearing Protection
38. Amplified Phone
39. Caption Phone
40. Communication Access Realtime Translation (CART)
41. Text-based communication systems
42. Video Relay systems/apps
43. Has a basic understanding of potential public funding sources for this technology (e.g. sufficient to make referrals).
44. Resources for gaining additional information on this topic:
45. ATIA webinars ([www.atia.org](http://www.atia.org))
46. Job Accommodation Network ([www.jan.wvu.edu)](http://www.jan.wvu.edu))
47. Alexander Graham Bell Association for the Deaf and Hard of Hearing (<http://nc.agbell.org>)
48. Harris Communications (<http://www.harriscomm.com/>)
49. National Institute on Deafness and Other Communication Disorders ([https://www.nidcd.nih.gov/health/assistive-devices-people-hearing-voice-speech-or-language-disorders)](https://www.nidcd.nih.gov/health/assistive-devices-people-hearing-voice-speech-or-language-disorders%29)
50. Laurent CLERC National Deaf Education Center (<http://www3.gallaudet.edu/clerc-center.html>)
51. Hearing Loss Association of America (<http://hearingloss.org/>), especially their Hearing Loss Support Specialist Training (HLSST).
52. American Speech-Language-Hearing Association (ASHA) (<http://www.asha.org/Practice-Portal/Clinical-Topics/Hearing-Loss/>)
53. National Deaf Center on Postsecondary Outcomes (<https://www.nationaldeafcenter.org/resources>)

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