

# Audiology Core Competencies Worksheet

The Audiology Core Competencies worksheet is a reference document to guide expectations related to the expected level of competence *prior* to the initiation of the final-year externship. A few examples with a key to the worksheet is provided below.

The marked level of competency for each skill is a recommendation only. These recommendations are made with due acknowledgment of individual differences. For some advanced and tertiary skills, no “Exp” (expected) recommendations are provided, as not all students may have had the opportunity to begin developing those skills before the externship.

Exp = Expected

AUDIOLOGY CORE COMPETENCIES	Student Name:										
	Emerging			Present			Developed			Mastery	Exp
	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	
<b>PATIENT INTERVIEW/AUDIOLOGIC CASE HISTORY</b>											
Exhibits professional behavior during interactions											95%
Asks appropriate questions											90%
Asks appropriate follow-up questions											90%
Uses both open and closed questions											90%
Facilitates a professional atmosphere											90%
Puts the patient at ease											90%
<b>OTOSCOPY</b>											
Demonstrates knowledge and use of equipment											95%
Uses appropriate skill technique											95%
Uses accurate and professional description of findings											95%
Makes appropriate referrals											95%

	Emerging			Present			Developed			Mastery	Exp
	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	
<b>IMMITTANCE TESTING</b>											
Prepares patient with appropriate instructions											95%
Thoroughly sets up and operates equipment											95%
Thoroughly demonstrates tympanometry technique											95%
Thoroughly demonstrates acoustic reflex threshold technique											95%
Thoroughly demonstrates acoustic reflex decay technique											90%
Accurately records results											95%
Exhibits an understanding and significance of test results for both pediatric and adult populations											90%
<b>SPEECH RECEPTION THRESHOLD TESTING</b>											
Prepares patient with appropriate instructions											95%
Thoroughly sets up equipment and operates VU meter control for MLV and use of recorded speech											95%
Demonstrates SRT technique to obtain valid thresholds											95%
Appropriately demonstrates masking technique for SRT											95%
<b>PURE-TONE TESTING BY AIR CONDUCTION</b>											
Prepares patient with appropriate instructions											95%
Thoroughly sets up and operates equipment											95%
Thoroughly demonstrates pure-tone sequence and threshold technique											95%
Accurate records results											95%
Manages difficult-to-test patients: false-positives, false negative; pediatrics; non-organic hearing loss											90%
Demonstrates appropriate/accurate masking technique											95%
<b>PURE-TONE TESTING BY BONE CONDUCTION</b>											
Prepares patient with appropriate instructions											95%
Thoroughly sets up and operates equipment											95%
Demonstrates bone oscillator placement/masking transducer placement											95%
Exhibits sequence and technique											95%
Accurately records results											95%
Demonstrates appropriate/accurate masking technique											95%

	Emerging			Present			Developed			Mastery	Exp
	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	
<b>WORD-RECOGNITION TESTING</b>											
Prepares patient with appropriate instructions											95%
Thoroughly sets up equipment and operates VU meter control for MLV and use of recorded speech											95%
Exhibits presentation level with rationale											95%
Accurately records results											95%
Demonstrates appropriate/accurate masking technique											95%
<b>INTERPRETATION AND COUNSELING</b>											
Appropriately describes audiogram, hearing loss severity, speech findings, and acoustic immittance testing											95%
Integrates data for differential diagnosis											90%
Demonstrates knowledge of and implements aural rehabilitation											90%
Provides general patient counseling skills											90%
Provides family counseling skills											90%
Provides educational counseling											90%
Gives appropriate recommendations											90%
<b>EAR IMPRESSIONS</b>											
Prepares patient with appropriate instructions											95%
Demonstrates bracing technique											95%
Exhibits otoblock placement depth											90%
Demonstrates impression removal											95%
Demonstrates otoscopic re-examination											95%
Provides overall quality of impression											90%
<b>OTOACOUSTIC EMISSIONS TESTING</b>											
Shows knowledge of TEOAE and DPOAE											95%
Prepares patient with appropriate instructions											95%
Demonstrates testing technique (probe insertion)											95%
Shows ability to interpret/integrate results											90%

	Emerging			Present			Developed			Mastery	Exp
	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	
<b>NEURODIAGNOSTIC ABR</b>											
Prepares patient with appropriate instructions											95%
Thoroughly sets up and operates equipment											90%
Demonstrates knowledge of equipment parameters											90%
Identifies waveforms											90%
Exhibits knowledge of waveform morphology											90%
Exhibits knowledge of normative data (latencies etc.)											90%
Exhibits knowledge of various electrode montages											90%
<b>TONE BURST THRESHOLD SEARCH ABR</b>											
Prepares patient with appropriate instructions											95%
Thoroughly sets up and operates equipment											90%
Demonstrates knowledge of equipment parameters											90%
Identifies waveforms											90%
Exhibits knowledge of waveform morphology											90%
Exhibits knowledge of normative data (latencies etc.)											90%
Exhibits knowledge of various electrode montages											90%
<b>VESTIBULAR ASSESSMENT—BASIC</b>											
Evaluates vestibular case history											90%
Asks appropriate questions											90%
Asks appropriate follow-up questions											80%
Uses both open and closed questions											90%
<b>ENG/VNG</b>											90%
Prepares patient with appropriate instructions											95%
Determines if use of pharmacologic agents will affect outcome											95%
Thoroughly sets up and operates equipment											90%
Administers each test in battery											90%
Accurately administers water caloric											90%
Accurately administers air caloric											90%
Accurately interprets results											70%
Makes appropriate referrals and recommendations											70%

	Emerging			Present			Developed			Mastery	Exp
	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	
<b>VESTIBULAR REHABILITATION THERAPY</b>											
Patient preparation and instructions											50%
Appropriate determination of VRT procedures											50%
Correctly performs canalith repositioning maneuver											50%
<b>CERUMEN MANAGEMENT</b>											
Prepares patient with appropriate instructions											60%
Determines appropriate instrument for cerumen removal											50%
Demonstrates CM technique—lavage											50%
Demonstrates CM technique—curette											50%
Demonstrates CM technique—suction											50%
Exhibits the ability to perform skill with minimal patient discomfort											50%
<b>HEARING AID EVALUATION</b>											
<b>HEARING AID SELECTION</b>											
Appropriately selects test battery to support HA selection process (MCL, LDL, COSI, HHHI, life-style assessments, QuickSIN, TEN test, etc.)											90%
Accurately performs test battery											90%
Demonstrates knowledge of hearing aid technology											90%
Selects appropriate technology based on test performance and patient needs											90%
Counsels patient successfully on hearing aid choices											90%
<b>HEARING AID FITTING</b>											
Exhibits ability to insert earmold/device into ear											95%
Accurately trims earmold tubing length											95%
Exhibits ability to determine appropriateness of fit (likeliness of discomfort, feedback, etc.)											95%
Instructs patient on care and use according to patient's level of understanding											95%
<b>HEARING AID PROGRAMMING</b>											
Prepares patient with accurate device and programming software setup											95%
Successfully manipulates program software to support optimized performance of devices (able to change output, compressions settings, feedback and program management, etc.)											90%

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	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	
<b>HEARING AID VERIFICATION</b>											90%
Sets up and performs functional gain measurement											95%
Sets up and performs probe-microphone measurement											95%
Sets up and performs RECD protocols											95%
Recognizes changes required based on verification outcome											95%
Recognizes device limitations and counsels patient appropriately based on verification outcomes											95%
<b>HEARING AID TROUBLESHOOTING/REPAIRS</b>											90%
Systematically evaluates device performance to determine cause of malfunction											95%
Performs electroacoustic analysis in determining device function											95%
Successfully performs in-office repair (tube/filter change, receiver/microphone cleaning, etc.)											95%
Determines need for manufacturer repair											90%
<b>FM SYSTEMS AND ALDs</b>											90%
<b>SPECIALTY TESTING</b>											
Performs electroacoustic analysis in determining device function											90%
Performs tone decay											90%
Performs Lombard voice-reflex test											80%
Performs conditioned play audiometry											90%
Performs visual reinforcement audiometry											90%
Performs behavioral observation audiometry											90%
Performs tuning fork tests											80%
<b>APD TESTING</b>											
Obtains case history											90%
Selects appropriate AP tests and administers AP test battery											
Accurately analyzes and interprets AP test results											
Makes appropriate referrals and recommendations for therapy											
<b>PROFESSIONALISM</b>											
Demonstrates overall professional demeanor											90%

	Emerging			Present			Developed			Mastery	Exp
	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	
<b>RECORD KEEPING</b>											90%
Completes appropriate report of basic auditory assessment											95%
Completes appropriate report of basic vestibular assessment											90%
Completes appropriate ABR report											90%
Provides professional report of advanced studies											
<b>TERTIARY SKILLS</b>											
Exhibits rotary chair skills											
Exhibits CDP skills											
Exhibits CDVA skills											
Exhibits MLR/P300/ BioMark skills											
Exhibits ASSR skills											80%
Exhibits ECOCHG skills											90%
Exhibits VEMP skills											90%
Exhibits intra-operative monitoring skills											
<b>TINNITUS</b>											
Obtains case history and complete tinnitus questionnaire											60%
Administers tinnitus evaluation											60%
Makes appropriate referrals and recommendations for treatment											60%
Dispenses devices when appropriate											60%