



Master's & Credential Program

EDU 234A
DHH: LISTENING AND SPOKEN LANGUAGE (3 units)
Fall Semester 2021

Mary McGinnis, Cand PhD, LSLS Cert AVT	Class Hrs: Tuesdays 1:30-4:30 (Zoom)
Office Hours: Tue 4:30-6:30 & by appt	Term Dates: Aug 24-Dec 7, 2021
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Course Description

This course provides the candidate with the concepts, skills, and dispositions to be able to assess, teach, and remediate skills in listening and spoken language as they relate to **speech perception** and **speech production** through knowledge of the acoustic basis of speech. The Ling method of teaching listening and spoken language forms the foundation for the theoretical concepts, practical development, and teaching/remediation strategies for individuals with hearing loss from birth to age 22. This course is a prerequisite to EDU 234B DHH: Listening and Spoken Language Practicum. To prepare for EDU 234B, the candidate must be able to:

1. Demonstrate knowledge of speech anatomy, categorization, IPA transcription
2. Curate resources for assessing and teaching of auditory and speech skills
3. Analyze auditory speech perception data
4. Assess auditory access
5. Assess listening skills
6. Assess oral-motor and feeding skills
7. Assess phonetic skills
8. Assess phonologic skills
9. Analyze speech errors and select targets
10. Develop oral-motor and feeding skills
11. Develop phonetic skills
12. Develop phonologic skills
13. Develop auditory processing skills
14. Develop teaching units that address objectives in listening and spoken language

Note: *If any videos of children are collected and/or shared as part of the course, graduate students understand that parents have permitted videos to be kept only as property of JTC. Videos are confidential material, protected by law, and **must be deleted from personal devices, and not shared with anyone in any form. No recording of class sessions is permitted without instructor permission.***

Course Purpose & Outcomes – Aligned with Unit & Program Outcomes

Initial Program: Meets part of the standards for the CCTC Preliminary - Education Specialist Standards for Deaf and Hard of Hearing Credential with added authorizations in English Learners and Autism Spectrum Disorders.

Assessment of Student Learning Outcomes: Student learning is at the core of the MSMU mission. Faculty have developed a plan to assess the student learning outcomes that represent the knowledge, skills and dispositions expected of MSMU's graduate students. In each class, one or more student learning outcomes will be assessed. Some of the class assignments may be used to evaluate overall student learning and to improve teaching and learning in each class, the Education Department, and throughout the University.

Course Outcomes Aligned with Standards: This course meets the standards for the following organizations in preparing teachers of the deaf:

- MSMU Institutional Learning Goals and Graduate Learning Outcomes
- California Commission on Teacher Credentialing (CCTC) Standards:
 - Preliminary Credential: Education Specialist: Deaf & Hard of Hearing
- California Teaching Performance Expectations (TPEs-2018)
- Council on Exceptional Children (CEC)
- Council on Education of the Deaf (CED)
- Alexander Graham Bell Academy for Listening and Spoken Language

Course Objectives Related to Selected California Commission on Teacher Credentialing Teacher Preparation Expectations

TPE 1: Engaging and Supporting All Students in Learning

1.4 Demonstrate knowledge of students' language development across disabilities and the life span, including typical and atypical language development, communication skills, social pragmatics, the hierarchy of brain-based learning skills (e.g., executive functioning) and vocabulary/semantic development as they relate to the acquisition of academic knowledge and skills.

- **Practiced:** Using a case study approach, candidates will assess the spoken language skills of a student to determine the child's needs in the areas of auditory access for speech perception, and oral-motor, phonetic, and phonologic skills.

TPE 2: Creating and Maintaining Effective Environments for Student Learning

2.5 Select, adapt, create and use culturally relevant language-rich resources to support deaf students with diverse language and learning needs.

- **Introduced:** Candidates will recognize contexts in assessing and teaching listening and spoken languages that might jeopardize sensitivity to cultural-linguistic differences (e.g., languages, dialects, accents, etc.), and identify appropriate remedies.

- 2.6 Assume accountability for establishing, maintaining, and demonstrating the use of any assistive technology (visual, auditory, and/or tactile) to develop self-advocacy for deaf students and their families.
- **Introduced:** Candidates will identify evidence-based practices used to assess and troubleshoot technologies for auditory access to spoken languages in various educational settings.

TPE 3: Understanding and Organizing Subject Matter for Student Learning

- 3.1 Master technical vocabulary and key concepts in content areas of instruction, effectively using social and academic language (ASL and/or English) to enhance vocabulary knowledge.
- **Introduced:** Candidates will define critical concepts for developing spoken language, e.g., speech acoustics, speech perception, auditory function, IPA, DIP, phonetic, phonologic, oral-motor, etc.
- 3.3 Demonstrate knowledge of appropriate expressive (signed, spoken, and written) and receptive (listening, reading and viewing) language skills strategies and **assessments** based on the language of instruction (ASL and/or English).
- **Practice:** Candidates will apply evidence-based strategies to analyze learning environments to determine strategies to maximize auditory access to the acoustics of spoken language.
- 3.6 Construct accessible learning experiences that incorporate use of **auditory, tactile,** and **visually** assistive materials, resources, and technology to facilitate meaningful and authentic learning for all students.
- **Introduced:** Candidates will identify a variety of authentic learning materials that provide access to develop aspects of spoken language related to speech, using auditory, tactile, and visual strategies.
- 3.7 Use appropriate multimedia tools to provide language access and support conceptual knowledge.
- **Introduced:** Candidates will investigate and compare a variety of multimedia tools and technologies that support access to spoken language development.

TPE 4: Planning Instruction and Designing Learning Experiences for All Students

- 4.2 Understand and apply knowledge of typical and atypical language development (signed, spoken, and written) among deaf students, to help inform instructional planning and learning experiences.
- **Introduced:** Candidates will identify typical development related to auditory, oral-motor, phonetic, and phonologic components of spoken language.
 - **Practiced:** Candidates will evaluate a student's spoken language skills related to auditory access, oral motor, phonetic, and phonological development.
- 4.7 Coordinate, collaborate, co-teach and communicate effectively with other agencies, educators, service providers, parents, students, and Deaf community agencies for instructional planning and planning for successful deaf student transitions.
- **Introduced:** Candidates will review IFSP and IEP goals and objectives to identify the contribution of each provider in the child's transition plan to kindergarten.
 - **Practiced:** Candidates will apply strategies to communicate effectively with all service providers and family regarding student access and progress in listening and spoken language related to the IFSP/IEP/transition processes.

TPE 5: Assessing Student Learning

5.5 Assess and design measurable and appropriate language (sign, spoken, and written, as appropriate for each student) and content goals based on assessments of student growth to determine level of proficiency for each student.

- **Introduced:** Candidates will identify appropriate goals and objectives for developing listening and spoken language in the areas of auditory, oral-motor, phonetic, and phonologic speech skills.
- **Practiced:** Candidates will discuss results of (e.g., auditory, oral-motor, phonetic, and phonologic speech) assessments on a case study to determine student needs in order to design appropriate goals and objectives.
- **Assessed:** Based on assessment data, candidates will design appropriate goals and objectives in listening and spoken language (e.g., auditory, oral-motor, phonetic, and phonologic speech) for case study.

TPE 6: Developing as a Professional Educator

6.8 Demonstrate knowledge of current research in evidence-based teaching practices, technologies, policies, and trends in deaf education.

- **Introduced:** Candidates will identify research that supports evidence-based practices in developing listening and spoken language skills.
- **Practiced:** Candidates will compare research on evidence-based practices in relation to the use of current technologies in listening and spoken language outcomes.
- **Assessed:** Candidates will create a teaching unit using evidence-based strategies to develop and maintain listening and spoken language skills.

MSMU Institutional & Graduate Learning Outcomes with TPEs Addressed in Course Objectives	
Institutional Learning Goal #1: Disciplinary Expert Mount graduates will demonstrate the knowledge, skills, and dispositions required of their chosen discipline.	
Graduate Learning Outcome #1: Disciplinary Competence <i>Mount graduates will demonstrate competence in techniques, concepts, and knowledge specific to their chosen discipline.</i>	
1.1	Describe the educational implications (e.g., on accessing Core Curricula, state standards, academic material, social interactions, etc.) of challenges in speaking and listening that a child with various hearing losses might encounter. [TPE 1.1, 1.2]
1.2	Describe how the speaking and listening challenges of a child with hearing loss might be accommodated or ameliorated to assist the child in obtaining equal access to education in face-to-face and virtual environments. [TPE 1.3, 1.5, 2.6, 2.7]
1.3	Describe the major anatomical structures responsible for speech production from the lips to the diaphragm, and label a diagram of the speech mechanism with 100% accuracy. [TPE 1.4]
1.4	Demonstrate knowledge and use of the International Phonetic Alphabet (IPA) by transcribing speech with 80% accuracy. [TPE 1.4, 3.3, 4.2]
1.5	Demonstrate knowledge of segmentals in speech, by categorizing consonants by manner, place, and voicing, and vowels by their formant frequencies. [TPE 1.4, 4.2]

1.6	Describe speech acquisition for a hearing child, and a child with a hearing loss, from infant vocalizations to mastery. [TPE 1.4, 4.2]
1.7	Use principles of speech acoustics to explain the speech perception capabilities of children with different degrees of hearing loss and etiologies, and the influence of audiological management on children's speech perception. [TPE 2.6, 3.3]
1.8	Determine whether a child's auditory devices are optimal for speech development, using speech acoustics principles in face-to-face and virtual environments. [TPE 2.6, 3.3]
1.9	Demonstrate skill in appropriate monitoring and troubleshooting techniques for auditory devices, using principles of speech acoustics in face-to-face and virtual environments. [TPE 2.6, 3.3]
1.10	Demonstrate knowledge of Ling's seven stages of phonetic and phonologic speech acquisition. [TPE 1.4, 3.3, 4.2]
1.11	Demonstrate knowledge of assessment of oral-motor and feeding skills. [TPE 1.4, 3.3, 4.2, 5.3, 5.5]
1.12	Demonstrate knowledge of typical errors in oral-motor speech skills, phonetic speech (voice, suprasegmental, segmentals, blends), and phonologic speech. [TPE 1.4, 3.3, 4.2, 5.5]
1.13	Demonstrate knowledge and application of Ling's seven stages of phonetic and phonologic speech acquisition in the development, assessment, and remediation of speech. [TPE 1.4, 3.3, 4.2, 5.3, 5.5]
1.14	Demonstrate the ability to explain technical information to a parent. [TPE 6.2, 6.3]
Institutional Learning Goal #2: Complex Thinker	
Mount graduates will be able to apply investigation, critical thinking, and analytic and decision-making skills to identify and solve problems effectively.	
Graduate Learning Outcome #2: Critical Thinking	
<i>Mount graduates will be able to assess, analyze, synthesize, and evaluate information effectively.</i>	
Graduate Learning Outcome #3: Information Literacy	
<i>Mount graduates will demonstrate research skills and methods through the ability to gather, document, investigate, analyze, interpret, and evaluate information.</i>	
2.1	Demonstrate the ability to access, analyze, synthesize, and evaluate research on listening and spoken language(s) concepts, principles, assessment, and development using various resources, including online libraries and social media (Facebook groups, Instagram, Pinterest, Twitter, apps, etc.). [TPE 5.3, 5.5, 6.8]
2.2	Access, analyze, and evaluate various available curricula and learning activities, both face to face as well as virtually, for teaching listening and speech skills in various languages. [TPE 1.3, 1.4, 2.5, 3.3, 3.4, 3.5, 3.6, 3.7]
Institutional Learning Goal #3: Clear Communicator	
Mount graduates will be able to effectively convey ideas, opinions, and facts in written and oral form.	
Graduate Learning Outcome #4: Written and Oral Communication	
<i>Mount graduates will be able to effectively express ideas in written form and oral form.</i>	
3.1	Demonstrate the ability to gather and organize research to support scientific principles of developing listening and spoken language(s) to create lesson plans for teaching speech targets in child's language. [TPE 3.4, 6.6, 6.8]

3.2	Demonstrate knowledge of speech teaching strategies by creating speech lesson plans making use of appropriate sense modalities (audition, vision, tactile) for teaching selected targets for specific students in their language. [TPE 1.3, 1.5, 3.4]
3.3	Demonstrate formal and informal teaching of speech targets in a speech lesson plan, from elicitation through phonetic subskills, to production in phonology in face-to-face and virtual environments. [TPE 1.4, 3.3]
3.4	Create and present teaching units on speech and listening skills using digital materials, based on the Ling method of assessing and teaching listening and spoken language(s) using professional and effective written and verbal communication skills. [TPE 1.1, 1.2, 1.3, 1.4]
3.5	Demonstrate skill in developing individualized instructional plans and professional reports in speech and listening skills, based on comprehensive assessments. [TPE 1.5]
3.6	Design a professionally written lesson to stimulate speech acquisition in face-to-face and virtual environments, based on knowledge of child development, individual needs, and speech teaching theory and practice. [TPE 1.3, 1.5, 2.5]
Institutional Learning Goal #4: “Dear Neighbor” Mount graduates will be able to ethically live, work, serve and lead within diverse local, national, and global communities.	
Graduate Learning Outcome #5: Women and Gender/Diversity <i>Mount graduates will be aware of the roles of women and gender, or other diverse populations in their disciplines and in society.</i>	
Graduate Learning Outcome #6: Spirit of the Founders <i>Mount graduates will contribute to their field in a way that honors the Catholic Intellectual Tradition as expressed in the CSJ mission of serving God and Neighbor as one, advancing core values of social justice, human rights, and/or engagement.</i>	
Graduate Learning Outcome #7: Community <i>Mount graduates will develop interdependent, mutually respected relationships in service of the common good.</i>	
Graduate Learning Outcome #8: Global Awareness and Understanding <i>Mount graduates will be prepared to live, work, and lead in a global community.</i>	
Graduate Learning Outcome #9: Ethics <i>Mount graduates will demonstrate the skills to address the moral and ethical challenges within their chosen profession.</i>	
4.1	Demonstrate the disposition necessary to maximize the development of speech perception skills and listening skills not as an activity for its own sake, but as a means for developing speech and language in communicative and educational contexts. [TPE 1.3, 2.5]
4.2	Demonstrate the disposition necessary to maximize a child's residual auditory capabilities, however limited, as well as vision and touch, as appropriate, in developing a child's speech and spoken language for use in communicative and educational contexts [TPE 1.1, 1.2, 1.3, 1.4]
4.3	Demonstrate the empathetic disposition necessary to in assess and teach listening and spoken language while using parent coaching techniques, and demonstrating respect for diversity in children’s and family’s language(s) and regional dialects or accents, both in face-to-face, as well as virtual environments. [TPE 1.1, 1.2, 1.3, 1.4, 1.5, 2.6, 3.3, 3.4, 3.5, 3.6, 3.7, 4.1, 4.2, 5.3, 5.5, 6.3, 6.6]

Grading and Evaluation Standards

A grade of **B-** is required in EDU 234A as a prerequisite in order to take the next course in the sequence: EDU 235B DHH: Listening and Spoken Language Practicum. GPA over all coursework must be **3.0** to continue in Program.

Passing Grades		Failing Grades	
A	95 - 100	C+	78 - 79.9
A-	90 - 94.9	C	74 - 77.9
B+	88 - 89.9	C-	70 - 73.9
B	84 - 87.9	F	Below 70.0
B-	80 - 83.9		

Required and Recommended Texts, Supplies, and Media

Required

1	Morrison, H.M. (2015). <i>First Things First: Ensuring Auditory Access, Vol 1</i> [Kindle \$8.99] https://www.amazon.com/Helen-M.-Morrison/e/B015JYQAM8/ref=dp_byline_cont_ebooks_1
2	Ling, D. and North, S. (2009). <i>Ling speech cards</i> . Los Angeles, CA: John Tracy Center. [\$50 available at JTC]
3	<i>Pediatric Hearing Technology & Auditory Access</i> <ul style="list-style-type: none"> ▪ Jace Wolfe, PhD, CCC-A ▪ 4 live sessions plus pre-learning assignments each week ▪ Tuesdays: 5-6:30 pm on Sept 14, 21, 28, Oct 5 ▪ FREE @ www.hearingfirst.org
4	<i>Red Flags: Identifying Barriers to Optimal Auditory Development</i> <ul style="list-style-type: none"> ▪ Jane Madell, PhD, CCC-A/SLP, LSLC Cert AVT & Joan Hewitt, AuD, CCC-A ▪ 4 live sessions plus pre-learning assignments each week ▪ Wednesdays: 5-6:30 pm on Sept 22, 29, Oct 6, 13 ▪ FREE @ www.hearingfirst.org
5	<i>Auditory Development and Function</i> <ul style="list-style-type: none"> ▪ Beth Walker Wooten, MEd, LSLC Cert AVT ▪ 4 live sessions plus pre-learning assignments each week ▪ Tuesdays: 5-6:30 pm on Oct 26, Nov 2, 9, 16 ▪ FREE @ www.hearingfirst.org
6	Various [free/low-cost] digital materials: <ul style="list-style-type: none"> ▪ www.boomlearning.com ▪ www.teacherspayteachers.com
Highly Recommended (but not required)	
1	Ling, D. (2002). <i>Speech and the hearing-impaired child: Theory and practice</i> . Washington, DC: Alexander Graham Bell Association for the Deaf. [Paperback/Used: \$4.58 on Amazon or Kindle \$49.95]
2	Ling, D. (1989). <i>Foundations of spoken language for hearing-impaired children in audition, speech, language, and communication</i> . Washington, DC: Alexander Graham Bell Association for the Deaf. [Paperback/Used: \$26.50 on Amazon]

Assignments	Weight
1. Presence, Planning, Punctuality, Preparation, Participation, Perception, and Professionalism	5
2. Transcribe, categorize, and analyze children's speech using IPA, vowel quadrilateral, consonant grid, and vocal tract anatomy	15
3. Collect, create, and curate resources in listening and spoken language <ul style="list-style-type: none"> ▪ Curate social media sites for specific resources ▪ Join groups, follow social media, subscribe to newsletters ▪ Collect/create professional materials (books, research, materials) ▪ Organize materials in computer file formats (Google Drive, etc.) 	5
4. Analyze auditory speech perception data <ul style="list-style-type: none"> ▪ Gather all audiological data (birth records, all tests) ▪ Plot thresholds on various audiogram formats ▪ Collect data on thresholds at normal, quiet, and speech in noise 	5
5. Assess all listening devices (HA, CI, ABI, baha, HAT) <ul style="list-style-type: none"> ▪ Maintain daily records on device functioning ▪ Use <i>Ling Six Sound/LMH Tests</i> to evaluate functioning 	5
6. Assess listening skills/speech perception, informally and formally <ul style="list-style-type: none"> ▪ <i>Auditory Skills Curriculum, Auditory Learning Guide</i> ▪ <i>Ling Six Sound/LMH Tests, Medial Consonant Test</i> 	5
7. Assess speech: oral-motor & feeding skills <ul style="list-style-type: none"> ▪ Observe behaviors, using formal oral-motor screening form ▪ Conduct <i>McGinnis Screening of Oral-Motor/Feeding Skills</i> 	5
8. Assess speech: phonetic level skills <ul style="list-style-type: none"> ▪ Collect informal speech sample, using Informal Ling PLE ▪ Conduct formal <i>Ling Phonetic Level Evaluation</i> 	5
9. Assess speech: phonologic level skills <ul style="list-style-type: none"> ▪ Collect speech sample ▪ <i>McGinnis Phonologic Screening</i> ▪ <i>McGinnis Connected Speech Analysis</i> 	5
10. Collate data on all assessments <ul style="list-style-type: none"> ▪ Analyze data for error patterns ▪ Select targets in auditory and speech skills 	5
11. Develop auditory skills from detection through comprehension <ul style="list-style-type: none"> ▪ Create auditory skills activities & file organization 	5
12. Develop speech skills: oral-motor & feeding skills <ul style="list-style-type: none"> ▪ Create activities for oral-motor/feeding skills & file organization 	5
13. Develop speech skills: phonetic level skills <ul style="list-style-type: none"> ▪ Create phonetic level activities & file organization 	5
14. Develop speech skills: phonologic level skills <ul style="list-style-type: none"> ▪ Create phonologic level activities & file organization 	5
15. Create teaching units <ul style="list-style-type: none"> ▪ Based on assessments of speech and listening skills ▪ Informed by IEP goals/objectives in listening and speech ▪ Using digital resources for parent coaching in online sessions 	20
Total %	100

Class Schedule (15 Classes + Final)				
#	Date	Topics	Knowledge and Skills	Due
1	Tues Aug 24	<ul style="list-style-type: none"> ▪ Course introduction ▪ Syllabus/requirements ▪ Requisite knowledge, skills, and attitudes of DHH educators 	<ul style="list-style-type: none"> ▪ Parent Perspective ▪ Listen to and reflect on parent perspectives on their children (videos on JTC Facebook) ▪ Reflect on parent perspective after reading: FL's Listening and Spoken Language Report ▪ Vocal tract anatomy ▪ IPA 	<ol style="list-style-type: none"> 1. Register for course on Hearing First website: Aug 24 (see list below) 2. Register for free 1-hr seminar: <i>Knowing What Your Child Can Hear</i>, Carol Flexer, PhD, LSLC Cert AVT https://www.hearingfirst.org/b/living-lsl/posts/knowning-what-your-child-can-hear 3. Join Facebook, Instagram, Pinterest 4. Join FB groups, IG accounts, Pinterest pages 5. Create shared drive in Google Drive 6. Buy Helen Morrison's Kindle book
2	Tues Aug 31	<ul style="list-style-type: none"> ▪ IPA, transcription, phonemes ▪ Speech perception and sense modalities ▪ Speech development ▪ Diversity: attitudes towards languages, dialects, accents ▪ Ling's Seven Stages of Speech Development 	<p>Skill 1: Transcribe and analyze children's speech using IPA</p> <ul style="list-style-type: none"> ▪ Analyze Antonio's speech on Goldman-Fristoe 2 ▪ Use Decision Tree 	<p>DUE: Vocal Tract Test DUE: Begin curating digital resources DUE: Written summary/reflection on Helen Morrison's book DUE: Watch Carol Flexer's seminar DUE: Written summary/reflection on Carol Flexer's seminar</p>
3	Tues Sep 7	<ul style="list-style-type: none"> ▪ Tour of social media resources 	<p>Skill 2: Curate resources in listening and spoken language</p> <ul style="list-style-type: none"> ▪ Gather resources in listening and spoken language ▪ Curate social media sites for specific resources ▪ Join groups, follow social media, subscribe to newsletters ▪ Gather professional materials (books, journal articles) ▪ Organize materials in computer file formats (Google Drive, etc.) 	<p>DUE: Check on file organization system DUE: IPA Practice Test/Quiz 1 DUE: Video: <i>Ling Speech Acoustics</i> (45 min; JTC access) DUE: Watch and write summary/reflection on Helen Morrison's speech acoustics lecture on 1 Complex Sound</p>

#	Date	Topics	Knowledge and Skills	Due
4	Tues Sep 14	<ul style="list-style-type: none"> ▪ Speech perception ▪ Acoustics ▪ Development of auditory function using auditory-verbal approach ▪ Ling p. xxi 	<p>Skill 3: Analyze auditory speech perception data</p> <ol style="list-style-type: none"> 1. Gather all audiological data (birth records, all tests) 2. Plot thresholds on <i>McGinnis Everything Audiogram</i> 3. Plot thresholds on <i>Count-the-Dot Audiogram</i> 4. Collect data on thresholds: normal, quiet, speech in noise +5 	<p>DUE: Vowel Quadrilateral Test DUE: Video: <i>The Detection Factor</i> (45 min; JTC access) DUE: Course: Pediatric Hearing Technology & Auditory Access DUE: Summary/Reflection: Pediatric Hearing Technology & Auditory Access DUE: Watch and write summary/reflection on Helen Morrison's speech acoustics lecture on 1 Complex Sound</p>
5	Tues Sep 21	<ul style="list-style-type: none"> ▪ Auditory access issues and solutions in multiple contexts 	<p>Skill 4: Assess auditory access</p> <ul style="list-style-type: none"> ▪ McGinnis Everything Audiogram ▪ Count-the-Dot Audiogram ▪ Ling 10 Sound Test ▪ Medial Consonant Test 	<p>DUE: IPA Practice Test/Quiz 2 DUE: Collect/analyze documentation on auditory speech perception data on assigned child DUE: Watch Pediatric Hearing Technology & Auditory Access DUE: Summary/Reflection: Pediatric Hearing Technology & Auditory Access DUE: Register Sept 27 for Seminar: Auditory Development & Function DUE: Watch and write summary/reflection on Helen Morrison's speech acoustics lecture on 2 Anatomical Landmarks, Phonation, Resonance</p>
6	Tues Sep 28	<ul style="list-style-type: none"> ▪ Auditory skills research ▪ The Auditory Skills Curriculum/ASIPS ▪ ALG ▪ CASLLS 	<p>Skill 5: Assess listening skills and speech perception, using informal and formal assessments</p> <ul style="list-style-type: none"> ▪ ASIPS ▪ ALG ▪ CASLLS 	<p>DUE: IPA Practice Test/Quiz 3 DUE: Course: Pediatric Hearing Technology & Auditory Access DUE: Summary/Reflection: Pediatric Hearing Technology & Auditory Access DUE: Watch and write summary/reflection on Helen Morrison's speech acoustics lecture on 3 Resonance, Vowels, Diphthongs</p>

#	Date	Topics	Knowledge and Skills	Due
7	Tues Oct 5	<ul style="list-style-type: none"> ▪ Typical oral-motor development ▪ Red flags for oral-motor development 	Skill 6: Assess speech: oral-motor & feeding skills <ul style="list-style-type: none"> ▪ Oral-Motor & Feeding Screening ▪ Amy Graham Oral-Facial Exam ▪ Myofunctional Exam 	DUE: IPA Practice Test/Quiz 4 DUE: Video analysis of listening skills DUE: Course: Pediatric Hearing Technology & Auditory Access DUE: Summary/Reflection: Pediatric Hearing Technology & Auditory Access DUE: Watch and write summary/reflection on Helen Morrison's speech acoustics lecture on 4A Consonants
8	Tues Oct 12	<ul style="list-style-type: none"> ▪ Typical speech development stages ▪ Articulation norms for various languages ▪ Ling's 7 Stages ▪ Speech assessments ▪ Video: PLE (Ling) ▪ Video: PLE (Carissa) 	Skill 7: Assess speech: phonetic level skills Voice & DIP: Phonetic level teaching strategies	DUE: IPA Practice Test/Quiz 5 DUE: Thu Oct 8: Hearing First (5:00-6:30) DUE: Video/documentation of Oral-Motor Screening DUE: Watch and write summary/reflection on Helen Morrison's speech acoustics lecture on 4B Consonants
9	Tues Oct 19	<ul style="list-style-type: none"> ▪ Speech assessments at the phonologic level 	Skill 8: Assess speech: phonologic level skills Vowels & Diphthongs: Phonetic level teaching strategies	DUE: Consonant Grid Test DUE: Teletherapy 101 (1 hr) https://youtu.be/vbZ6cLWtPFc DUE: Video/documentation on PLE DUE: Watch and write summary/reflection on Helen Morrison's speech acoustics lecture on 4C Consonants
10	Tues Oct 26	<ul style="list-style-type: none"> ▪ Putting it all together for IFSP and IEP goals/objectives 	Skill 9: Collate and analyze data on all assessments <ul style="list-style-type: none"> ▪ Assessing speech & audition 	DUE: IPA Practice Test/Quiz 6 DUE: Watch my AGB course (1.5 hrs) DUE: Video/documentation of McGinnis Phonologic Screening DUE: Hearing First Seminar: Auditory Development & Function, Live Tuesday, Oct 26, 5-6:30 pm DUE: Watch and write summary/reflection on Helen Morrison's speech acoustics lecture on 5 Audiograms (1 and 2) & Ling Phonetic Eval

#	Date	Topics	Knowledge and Skills	Due
11	Tues Nov 2	<ul style="list-style-type: none"> ▪ Auditory skills development in naturalistic settings ▪ LSL strategies 	Skill 13: Develop auditory skills from detection through comprehension	DUE: IPA Practice Test/Quiz 10 DUE: Video/documentation of phonologic speech lesson plan DUE: Hearing First Seminar: Auditory Development & Function, Live: Tuesday, Nov 2, 5-6:30 pm
12	Tues Nov 9	<ul style="list-style-type: none"> ▪ Comorbidities ▪ Treatments 	Skill 10: Develop speech: oral-motor & feeding skills	DUE: IPA Practice Test/Quiz 7 DUE: Create lesson plan on oral-motor & feeding skills for assigned child DUE: Hearing First Seminar: Auditory Development & Function; Live Tuesday, Nov 9, 5-6:30 pm
13	Tues Nov 16	<ul style="list-style-type: none"> ▪ Suprasegmentals ▪ Segmentals 	Skill 11: Develop speech skills: phonetic level skills	DUE: IPA Practice Test/Quiz 8 DUE: Ling Video: PLE [13 min]: https://youtu.be/jlGcl4_8kYI DUE: Create lesson plan on oral-motor & feeding skills for assigned child DUE: Hearing First Seminar: Auditory Development & Function; Live: Tuesday, Nov 16, 5-6:30 pm
14	Tues Nov 23	<ul style="list-style-type: none"> ▪ Developing phonologic skills in naturalistic settings ▪ LSL strategies 	Skill 12: Develop speech skills: phonologic level skills	DUE: IPA Practice Test/Quiz 9 DUE: Video/documentation of phonetic speech lesson plan
15	Tues Nov 30	<ul style="list-style-type: none"> ▪ Creating teaching units ▪ LSL strategies 	Skill 14: Create teaching units	DUE: Video/documentation of auditory skills lesson plan
	Tues Dec 7	ALL work due to me by 6:00 pm Tuesday December 7, 2021: 1. Final Teaching Units 2. Any late or revised assignments		

Online Learning List 2021		
View	Reflection	Description
View on demand After Aug 25	Tuesday ▪ Aug 31	Hearing First free 1-hr seminar: Register August 24 <i>Knowing What Your Child Can Hear</i> -Carol Flexer, PhD, LSLS Cert AVT https://www.hearingfirst.org/b/living-lsl/posts/knowning-what-your-child-can-hear
View on demand Sept 14 Sept 21 Sept 28 Oct 5 Oct 12 Oct 19 Oct 26	Tuesdays Sept 14 Sept 21 Sept 28 Oct 5 Oct 12 Oct 19 Oct 26	YouTube Video Lectures & Slides Series <i>Speech Acoustics</i> , Helen Morrison, PhD, CCC-A, LSLS Cert AVT 1 Speech as Complex Sound 2 Anatomical Landmarks, Phonation, and Resonance 3 Resonance, Vowels, & Diphthongs 4 Consonants (4A) 4 Consonants (4B) 4 Consonants (4C) 5 Speech Acoustics and the Audiogram (Part 1 and Part 2)
Tuesdays 5:00-6:30 pm ▪ Sept 14 ▪ Sept 21 ▪ Sept 28 ▪ Oct 5	Tuesdays ▪ Sept 21 ▪ Sept 28 ▪ Oct 5 ▪ Oct 12	Hearing First Course: Register August 24 <i>Pediatric Hearing Technology & Auditory Access</i> -Jace Wolfe, PhD, CCC-A -4 live sessions plus pre-learning assignments each week https://www.hearingfirst.org/learning-experiences/p/course-overview?c=103
Tuesdays 5:00-6:30 pm ▪ Oct 26 ▪ Nov 2 ▪ Nov 9 ▪ Nov 16	Tuesdays ▪ Nov 2 ▪ Nov 9 ▪ Nov 16 ▪ Nov 23	Hearing First Course: Register September 27 <i>Auditory Development & Function</i> -Beth Wooten Walker, MEd, LSLS Cert AVT -4 live sessions plus pre-learning assignments each week https://www.hearingfirst.org/learning-experiences/p/course-overview?c=104

Speech Acoustics Series (Video Lectures and Slides)
Helen Morrison, PhD, LSLS Cert AVT

Download the PPT slides:

<https://www.dropbox.com/sh/8fhgfx8espek6iy/AABfGOz2IKJSdz2-sRexsdqXa?dl=0>

#	Title, YouTube Link, Description <i>All videos have auto-generated captions</i>	PPT Slides
1	<p>Speech Acoustics 1: Complex Sound [24 min] https://m.youtube.com/watch?v=3ZXY5zjhb7A This lecture explains different types of sound and how speech sounds can be classified by type of sound - the first step toward understanding speech acoustics.</p>	<p>Speech Acoustics 1: Speech as Complex Sound</p>
2	<p>Speech Acoustics 2: Phonation [29 min] The second in a series about speech acoustics. This lecture describes the process of creating the voice and shaping voice by resonance and articulation. Relationship between voice (phonation) and hearing is described. Resonance and formants are introduced.</p>	<p>Speech Acoustics 2: Anatomical Landmarks, Phonation, and Resonance</p>
3	<p>Speech Acoustics 3: Vowels [43 min] (F0, Vowels, & Audiometric Frequencies) https://m.youtube.com/watch?feature=youtu.be&v=FkGTenjlAVI This lecture describes the processes and acoustic characteristics associated with vowel production.</p>	<p>Speech Acoustics 3: Resonance, Vowels, & Diphthongs</p>
4	<p>Speech Acoustics 4A: Consonants (Voicing) [25 min] https://m.youtube.com/watch?v=odGEEdD3t-C4 This lecture is divided into 3 parts: A, B, & C. Part A describes the process and acoustic characteristics associated with voicing in consonant production.</p>	<p>Speech Acoustics 4: Consonants</p>
5	<p>Speech Acoustics 4B: Consonants (Manner) [27 min] https://m.youtube.com/watch?v=TPvsKeVX9CQ This lecture is divided into 3 parts: A, B, & C. Part B describes the process and acoustic characteristics associated with manner in consonant production.</p>	
6	<p>Speech Acoustics 4C: Consonants [30 min] https://m.youtube.com/watch?v=SwyAOzWJjk This lecture is divided into 3 parts: A, B, & C. Part C describes the process and acoustic characteristics associated with consonant production.</p>	
7	<p>Speech Acoustics 5: Audiogram Part 1 (Frequency) [28 min] https://m.youtube.com/watch?v=z_Rf5L9Cluk This lecture is divided into 2 parts. Part 1 describes the frequency aspects of speech as they pertain to the audiogram.</p>	<p>Speech Acoustics 5: Speech Acoustics & the Audiogram</p>
8	<p>Speech Acoustics 5: Audiogram Part 2 (Intensity) [34 min] https://m.youtube.com/watch?v=iH0VAAgdzNk This lecture is divided into 2 parts. Part 2 describes the intensity aspects of speech as they pertain to the audiogram.</p>	
9	<p>Ling Phonetic Eval [12 min] https://youtu.be/jlGcl4_8kYI Daniel Ling conducts the Ling Phonetic Level Evaluation of Speech (PLE) in 1980.</p>	

Skills in Listening and Spoken Language	Skills-Based Assignments
1. Transcribe and analyze children’s speech using IPA	<ul style="list-style-type: none"> ▪ Completing IPA Tests ▪ Transcription of children’s speech in skills assignments
2. Gather resources in listening and spoken language <ul style="list-style-type: none"> ▪ Curate social media sites for specific resources ▪ Join groups, follow social media, subscribe to newsletters ▪ Gather professional materials (books, journal articles) ▪ Organize materials in computer file formats (Google Drive, etc.) 	<ul style="list-style-type: none"> ▪ Demonstration of collected digital resources ▪ Sharing organization scheme
3. Collect data to assess auditory speech perception <ul style="list-style-type: none"> ▪ Gather all audiological data (birth records, all tests) ▪ Plot thresholds on <i>McGinnis Everything Audiogram</i> ▪ Plot thresholds on <i>Count-the-Dot Audiogram</i> ▪ Collect data on thresholds at normal, quiet, and speech in noise 	<ul style="list-style-type: none"> ▪ Complete <i>McGinnis Audiological Info Form</i> on child ▪ Plot thresholds for child on various audiogram forms
4. Assess all listening devices (HA, CI, ABI, baha, HAT) <ul style="list-style-type: none"> ▪ Maintain daily records on device functioning ▪ Use <i>Ling Six Sound & LMH Tests</i> to evaluate functioning 	<ul style="list-style-type: none"> ▪ Collect digital resources on troubleshooting all devices
5. Assess listening skills and speech perception: informal assessment <ul style="list-style-type: none"> ▪ Observe informal listening skills <ul style="list-style-type: none"> ○ <i>Auditory Skills Curriculum</i> ○ <i>Auditory Learning Guide</i> ▪ Conduct formal listening skills assessments <ul style="list-style-type: none"> ○ <i>Ling Six Sound Test & LMH Test</i> ○ <i>Iowa Medial Consonant Test</i> 	<ul style="list-style-type: none"> ▪ Video: Conduct <i>Ling Six Sound/LMH Tests</i> with child ▪ Video: Conduct <i>Medial Consonant Test</i> with child
6. Assess speech: oral-motor & feeding skills <ul style="list-style-type: none"> ▪ Observe behaviors, using formal oral-motor screening forms ▪ Conduct formal oral-motor assessment 	<ul style="list-style-type: none"> ▪ Video: Conduct <i>McGinnis Oral-Motor Screening</i> with child
7. Assess speech: phonetic level skills <ul style="list-style-type: none"> ▪ Collect informal speech sample, using Informal <i>Ling PLE</i> ▪ Conduct formal <i>Ling Phonetic Level Evaluation</i> 	<ul style="list-style-type: none"> ▪ Video: Conduct <i>Phonetic Level Evaluation</i> with child
8. Assess speech: phonologic level skills <ul style="list-style-type: none"> ▪ Collect speech sample ▪ <i>McGinnis Phonologic Screening</i> ▪ <i>McGinnis Connected Speech Analysis</i> 	<ul style="list-style-type: none"> ▪ Video: Collect speech sample of child ▪ Form: Complete <i>McGinnis Phonologic Screening</i> ▪ Form: Complete <i>McGinnis Connected Speech Analysis</i>

Skills in Listening and Spoken Language (continued)	Skills-Based Assignments
9. Collate data on all assessments <ul style="list-style-type: none"> ▪ Analyze data for error patterns ▪ Select targets in auditory and speech skills 	<ul style="list-style-type: none"> ▪ Report: Collate assessment data/targets on child
10. Develop auditory skills from detection through comprehension <ul style="list-style-type: none"> ▪ Create organized files for auditory skills activities 	<ul style="list-style-type: none"> ▪ Create and demonstrate auditory skills activities
11. Develop speech skills: oral-motor & feeding skills <ul style="list-style-type: none"> ▪ Create organized files for oral-motor/feeding activities 	<ul style="list-style-type: none"> ▪ Create and demonstrate oral-motor activities
12. Develop speech skills: phonetic level skills <ul style="list-style-type: none"> ▪ Create organized files for phonetic level activities 	<ul style="list-style-type: none"> ▪ Create and demonstrate phonetic level activities
13. Develop speech skills: phonologic level skills <ul style="list-style-type: none"> ▪ Create organized files for phonetic level activities 	<ul style="list-style-type: none"> ▪ Create and demonstrate phonologic level activities
14. Create teaching units <ul style="list-style-type: none"> ▪ Based on assessments of speech and listening skills ▪ Informed by IEP goals/objectives in listening and speech ▪ Using digital resources for parent coaching in online sessions 	<ul style="list-style-type: none"> ▪ Create and demonstrate teaching units

Criterion-Referenced Assessment Tools for Listening and Spoken Language	
Assessment Area	Assessment
Auditory: Access	McGinnis Audiological Information Form (McGinnis, 2021) McGinnis Everything Audiogram (McGinnis, 2020) Count-the-Dots Audiogram (Killion and Mueller, 2010)
Auditory: Skills	Auditory Skills Curriculum/Auditory Instructional Skills Planning System [ASIPS] (McGinnis, et al, 1976) Auditory Learning Guide [ALG] (based on ASIPS, revised 2010)
Speech: Perception	Ling Six Sound and LMH Test Record (McGinnis, 2021, from Ling, 1989; Ling, Madell, Hewitt, 2021) Medial Consonant Test (revised, McGinnis 2021)
Speech: Oral-Motor/Feeding Skills	McGinnis Screening for Oral-Motor and Feeding Skills (McGinnis, 2021)
Speech: Phonetic Skills	Ling Phonetic Level Evaluation [PLE] (Ling, 1975)
Speech: Phonologic	McGinnis Phonologic Screening (McGinnis, 2021) McGinnis Connected Speech Analysis (McGinnis, 2021)

Presence, Planning, Punctuality, Preparation, Participation, Perception, and Professionalism

1. Presence

Attendance at all classes is required, and is included as a grade in class preparation. If an assignment has not been done by the beginning of class, the student will be allowed to participate in group work, but will not receive a grade for the group work. The assignments must still be done, but will receive a grade one level lower than earned because it is late. Students are responsible for class content even when they are not in attendance--for whatever reason. Students must communicate their whereabouts immediately and directly to the instructor by phone/text if absent or delayed for any reason.

2. Planning

Students are working at the graduate level, demonstrating graduate-level organization of schedules, assignments, and meetings, in preparation for working as a professional who manages time well. Students must respond to any of the instructor's texts, calls, or emails as soon as possible.

3. Punctuality

Assignments must be handed in on due date. Late work will lose one grade per day of lateness. Assignments may be redone, but only with instructor's prior approval. The two grades are averaged. If the instructor approves taking a make-up test or assignment, it will be a more difficult test than the original, and the two grades for the two tests will be averaged.

4. Preparation

Students must be prepared for class, or their class participation and group work grade will suffer. Readings or other preparations are to be done and studied before each class. Written reflections on assignments are to be turned in before class begins. Questions and responses from students are required in class. All textbooks and reading materials must be brought to each class. A suggested organization for your class notebook and/or computer files for handouts would be to follow the tabs in your Speech Notebook.

5. Participation

Students are expected to participate in class discussion and small group work. In preparation for working on a professional team, students understand they are not in class only for their learning, but to contribute at a graduate level of critical reasoning to the learning of the group as well. Students practice professional dispositions during their participation, demonstrating respect and enthusiasm for others' contributions.

6. Perception

Students practice graduate-level critical thinking and evaluation skills in discussion, assignments, and group work, connecting their experiential learning to course learning.

7. Professionalism

Students practice a professional level in demonstrating PEARL: Passion, Excellence, Advocacy, Respect, and Leadership during all interactions with colleagues and families. All submitted work appears professional, is neatly word processed, as well as spell-checked and grammar-checked on a computer. IPA symbols in typed work are computer-generated fonts. Child activities are printed very neatly by hand, as appropriate. If they are illegible, I can't grade them.

Rubric for Presence, Planning, Punctuality, Preparation, Participation, Perception, and Professionalism

	Exceeds Standard 4	Meets Standard 3	Emerging 2	Unacceptable 1
Presence	The student attends all classes on time, is always prepared, and communicates promptly with instructor.	The student attends all classes on time, is usually prepared, and communicates usually promptly with instructor.	The student misses one class due to illness or a prearranged excuse, communicates with instructor fairly promptly.	The student is missing or needs to be found to attend class events, and does not communicate promptly.
Planning	The student calls the instructor and the graduate program director directly to let them know if there is any problem. Has instructor phone numbers. Offers a flexible make-up plan.	The student calls the instructor and the graduate program director directly to let them know if there is any problem getting to class. Has instructor phone numbers.	The student calls the instructor, but is late in doing so, and/or does not have phone numbers.	The student gives a message to another person to give to the instructor and program director or does not leave a message. The student does not return calls/texts.
Punctuality	All assignments are turned in on time	With one exception, all assignments are turned in on time	Two assignments are turned in late, but no more than two.	The instructor has to ask the student about assignments.
Preparation	The student maintains files in organized fashion, organizes the reading schedule with other graduate classes, and is able to participate in class with insightful comments and citations of the readings.	The student maintains files, and organizes reading schedule with other graduate classes and is able to participate in class using the material found in all class assigned readings.	The student is inconsistent in using an organization system, and has trouble organizing the reading schedule with other graduate classes to allow participation in class discussions.	The student is disorganized, and unable to complete the readings in time for classes.
Participation	Student demonstrates interest through understanding, application, analysis, evaluation, and creative reasoning within class topics.	Student demonstrates interest through application, analysis, synthesis, and evaluation of class topics.	Student participates minimally in class, usually only when called upon.	Student displays disinterest or disruption, does not participate in class unless called on.
Perception	Student's responses to questions about readings reflect application, analysis, synthesis, evaluation, or creative reasoning.	Student's responses to questions about readings reflect application, analysis, synthesis, or evaluation.	Student's responses on readings reflect integration of the reading material with previous experiences, but not at a deep level.	Student's responses on readings recall only facts from the article.
Professionalism	Student collaborates as professional with colleagues, staff, families, demonstrating Passion, Excellence, Advocacy, Respect, & Leadership ; shows exceptional skills in interactions with others. Work is exceptionally professional.	The student collaborates as a professional demonstrating Passion, Excellence, Respect, Advocacy, and Leadership with colleagues, staff, parents. Work is professional.	Student maintains a fairly respectful working demeanor with parents, JTC staff and colleagues. Work shows some elements of professionalism.	Student does not demonstrate respectful attitudes or actions with parents, staff and/or colleagues. Work lacks many professional details.

IPA Transcription Practice

Objectives:

- To maintain, strengthen, and expand IPA transcription skills
- To practice IPA transcription in connected speech
- To practice IPA transcription using audio and video samples of connected speech
- To apply IPA transcription skills to formal and informal speech assessments
- To connect IPA transcription skills with speech acoustics aspects in connected speech to use in developmental and remedial speech work

Procedure:

1. Create an IPA transcription for each week's assignment.
2. Submit IPA transcription to platform that can be shared with other grads.
3. Use conventional brackets or slashes to enclose utterances, as appropriate.
4. Refer to Mary's Rules of Transcription in creating the most accurate transcription.
5. Instructor may assign recorded speech samples for transcription, or transcription of speech samples from JTC families may be assigned.

Rubric for IPA Transcriptions				
Criteria	Exceeds Standard 4	Meets Standard 3	Emerging 2	Unacceptable 1
Accuracy	Transcription of phonemes is accurate, with chosen phonemes used within a close range of probable accuracy, with easy decoding.	Transcription is fairly accurate, with chosen phonemes used within a broader range of accuracy. Decoding is fairly easy.	Transcription appears hasty, with errors occurring frequently, affecting the decoding.	Transcription is filled with errors that deviate widely from the intended sounds. Decoding may be impossible.
Research	Transcription is thoughtful, and may be creative within an acceptable range, indicating that phoneme choices were made using accepted resources (e.g., Mary's Rules of Transcription).	Transcription indicates some application of acceptable resources.	Transcription appears to vary widely from accepted rules in resources.	Transcription does not follow most rules of transcription.

Summary/Reflections on Learning Opportunities

Objectives:

- To engage with the content, to find meaning
- To summarize, in your own words, what you have gleaned from each opportunity
- To raise questions about your learning opportunity
- To reflect on how you will apply the information to your teaching
- To connect course content from one reflection to another

Procedure:

1. **Engage in each learning opportunity**, taking notes, outlining, underlining, highlighting, tabbing, or doing whatever makes it your own learning.
2. **Summarize**: Write a **summary** of each learning opportunity (article, seminar, video, etc.) in your own words. Assume you will have to teach this information to a parent or a colleague, or make a presentation on it to the class. You must understand it that well. The length of the summary will depend on the length of the reading(s), but, in general, you can summarize a learning opportunity in a page or so. Hit the major concepts that you need to understand and use.
3. **Question**: You must always have **questions** about the learning opportunity. Raise those questions in writing. They may be clarifications if you don't understand the material. They may be challenges to what you've read, based on your own thinking or your own experiences or your own philosophy. Think critically about the learning opportunity to question it. Think about the range of hearing loss, cognitive functioning, etiologies or additional disabilities in children that influence your understanding of the learning opportunities.
4. **Reflect and Apply**: Write your **reflections** on how you might **apply** the information from the learning opportunities to your teaching, current or future. How will the information impact your classroom set-up, your schedule, your daily activities, your curriculum, your assessments, your goals, your interactions with parents, etc.?

Rubric for Summary/Reflections on Learning Opportunities

Criteria	Exceeds Standard 4	Meets Standard 3	Emerging 2	Unacceptable 1
Summary	Summaries are comprehensive, well-organized, indicating thoughtful reading. The content and organization provides ease of retrieval for studying purposes.	Summaries are fairly thorough and well organized for future retrieval and study purposes.	Summaries appear cursory, but indicate some form of organization for future study purposes.	Summaries are very brief and do not appear to be organized for future study purposes.
Structure	Writing is clear, concise, and well organized with excellent sentence/paragraph construction. Thoughts are expressed in a coherent and logical manner. There are no more than three spelling, grammar, or syntax errors per page.	Writing is mostly clear, concise, and well organized with good sentence/paragraph construction. Thoughts are expressed in a coherent and logical manner. There are no more than five spelling, grammar, or syntax errors per page.	Writing is unclear and/or disorganized. Thoughts are not expressed in a logical manner. There are more than five spelling, grammar, or syntax errors per page.	Writing is unclear and disorganized. Thoughts ramble and make little sense. There are numerous spelling, grammar, or syntax errors throughout the response.
Depth of Reflection	Response demonstrates an in-depth reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are insightful and well supported. Clear, detailed examples are provided, as applicable. Questions are insightful, demonstrating connections with experiential learning.	Response demonstrates a general reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are supported. Appropriate examples are provided, as applicable. Questions demonstrate trying to make connections with experiential learning.	Response demonstrates a minimal reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are unsupported or supported with flawed arguments. Examples are not provided or are irrelevant. Questions are few and may be superficial.	Response demonstrates a lack of reflection on, or personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are missing, inappropriate, or unsupported. Examples are not provided. Questions are lacking or superficial.
Evidence of Practice	Response shows strong evidence of synthesis of ideas presented and insights gained throughout the entire course. Reflections are connected closely to experiential learning. The implications of these insights for the respondent's overall teaching practice are thoroughly detailed, as applicable.	Response shows evidence of synthesis of ideas presented and insights gained throughout the entire course. Reflections show some evidence of connection to experiential learning. The implications of these insights for the respondent's overall teaching practice are presented, as applicable.	Response shows little evidence of synthesis of ideas presented and insights gained throughout the entire course. Reflections show little evidence of connection to experiential learning. Few implications of these insights for the respondent's overall teaching practice are presented, as applicable.	Response shows no evidence of synthesis of ideas presented and insights gained. Reflections show little evidence of connection to experiential learning. No implications for the respondent's overall teaching practice are presented.

Teaching Unit
Course Culminating Centerpiece

TPE Focus: Demonstrate skills in assessing and teaching listening and spoken language while using parent coaching techniques, and respecting a child's/family's language(s) and regional dialect or accent in face-to-face and virtual environments.

Objectives: Demonstrate knowledge of speech and listening targets and subskills
Demonstrate ability to teach targets developmentally and remedially
Demonstrate ability to use different sense modalities appropriately

Procedure:

1. **Research Resources:** Research the speech targets for the assigned child, using all Ling resources (speech cards, books, videos, notes, etc.). Study the Ling videos carefully to review the techniques and strategies used to teach each target.
2. **Create or Correct Speech Worksheet:** Each target will be completely word-processed in the Speech Sheet format, available on the computer, using IPA fonts. Sheet must demonstrate professional organization (using computer features to create a clear presentation of concepts). List at least 10 words, 10 phrases, 10 connected speech resources. Students must meet with me to discuss each speech sheet to make sure technical information is accurate and understood.
3. **Create or curate auditory skills lessons:** Use auditory skills lesson plan form. Create or curate materials for learning activities.
4. **Rehearse and Videotape Presentation:** Rehearse prior to demonstrating teaching its targets in an oral presentation.
5. **Demonstrate Knowledge and Skills with Concepts and Strategies:** Demonstrate how each phoneme is elicited, using various strategies, specifying the sense modality that is appropriate for various kinds of hearing loss. Prompts needed for elicitation are required, if a target calls for them (e.g., feather, tissue, etc.).
 - a. The lesson plan will demonstrate how the subskills for each target are taught, specifying the vowel contexts that are used to generalize the sound to all vowels.
Subskills include:
 - Elicitation strategies
 - Rapid repetition
 - Alternation (Vowel Wheel: generalizing across vowel contexts)
 - Alternation with pitch
 - Phonologic transfer to words, phrases, connected speech
 - b. The lesson plan will specify words/phrases and activities with appropriate materials that may be used to carry the phoneme over into phonologic contexts.

Rubric for Teaching Unit & Presentation				
	Exceeds Standard 4	Meets Standard 3	Emerging 2	Unacceptable 1
Research of Resources	The teaching unit presentation demonstrate in-depth research of resources, and include all required components and exceed all concepts indicated in the instructions. Each component of the assignment is addressed thoroughly and with exceptional skill.	The teaching unit presentation demonstrate research, and include all components and meet all concepts indicated in the instructions. Each component of the assignment is addressed.	The teaching unit presentation demonstrate little research, are missing some concepts, and/or do not fully meet the requirements indicated in the instructions. Some components may not be appropriate for the purpose of the assignment.	Response lacks research and essential concepts and/or does not address the requirements indicated in the instructions. Many parts of the assignment are addressed minimally, inadequately, and/or not at all.
Structure of Teaching Unit and Presentation	The teaching units are professional, clear, concise, and well organized with excellent construction. Thoughts are expressed in a coherent and logical manner. There are no more than two spelling, grammar, or syntax errors per page of writing. Props demonstrate extensive planning and preparation.	The teaching units and presentation are mostly clear, concise, and well organized. Thoughts are expressed in a coherent and logical manner. There are no more than five spelling, grammar, or syntax errors per page of writing. Props demonstrate planning and preparation.	The teaching units are unclear and/or disorganized. Thoughts are not expressed in a logical manner. There are more than five spelling, grammar, or syntax errors per page of writing. Props demonstrate lack of planning or preparation.	The teaching units and presentation are unclear and disorganized. Thoughts ramble and make little sense. There are numerous spelling, grammar, or syntax errors throughout. Props may be absent, minimal, or inappropriate.
Comprehension of Concepts and Strategies	The teaching units demonstrate an in-depth reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are insightful and well supported. Clear, detailed examples are provided, as applicable.	The teaching units presentation demonstrate a general reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are supported. Appropriate examples are provided, as applicable.	The teaching units and presentation demonstrate a minimal reflection on, and personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are unsupported or supported with flawed arguments. Examples, when applicable, are not provided or are irrelevant to the assignment.	The teaching units and presentation demonstrate a lack of reflection on, or personalization of, the theories, concepts, and/or strategies presented in the course materials to date. Viewpoints and interpretations are missing, inappropriate, and/or unsupported. Examples, when applicable, are not provided.

<p>Evidence of Practice Application</p>	<p>Presentation shows strong evidence of preparation and rehearsal, as well as perceptive synthesis of ideas presented and insights gained throughout the course. The implications of these insights for the respondent's overall teaching practice are thoroughly detailed, as applicable.</p>	<p>Presentation shows evidence of preparation and rehearsal, as well as synthesis of ideas presented and insights gained throughout the entire course. The implications of these insights for the respondent's overall teaching practice are presented.</p>	<p>Presentation shows little evidence of preparation or rehearsal, or synthesis of ideas presented and insights gained throughout the entire course. Few implications of these insights for the respondent's overall teaching practice are presented.</p>	<p>Presentation shows no evidence of preparation or rehearsal, or synthesis of ideas presented and insights gained throughout the entire course. No implications for the respondent's overall teaching practice are presented.</p>
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Course Orientation

The fall course, EDU 234A DHH: Listening and Spoken Language, together with the spring course, EDU 234B DHH: Listening and Spoken Language Practicum, provide the teacher candidate with the research, theories, and practices used to teach speech and auditory skills through the listening and spoken language approach. The theories and practices presented in the course are based primarily on the methods of Daniel Ling, PhD, as well as on the Auditory Skills Curriculum (Stein, Benner, Hoversten, McGinnis, & Thies, 1979).

Both courses, along with the other courses in Mount Saint Mary's University/John Tracy Center Master's and Credential Program prepare the graduate candidate to enter into a mentoring relationship in order to become a Listening and Spoken Language Specialist, either as a Certified Auditory-Verbal Therapist (LSLS Cert AVT) or a Certified Auditory-Verbal Educator (LSLS Cert AVEd). In fact, because MSMU/JTC Graduate Program faculty are certified Listening and Spoken Language Specialists, up to 75 hours of the MSMU/JTC Graduate Program can be used to fulfill the service hours required for certification as a Listening and Spoken Language Specialist.

Apart from the goal of becoming a Listening and Spoken Language Specialist, however, is the number of children with hearing loss in programs whose parents choose a listening and spoken language approach for their child. Whether you are supporting parents and their children in *early intervention*, or in *special day classes*, or in *itinerant settings*, parents will look to you as an expert in guiding them to learn the skills needed to allow their child to share their language and their culture, as well as to succeed in school. More than 90% of children with hearing loss are born to parents with typical hearing who use various spoken languages to communicate, which, in California, are predominately English and/or Spanish. The majority of children with hearing loss are educated with typically hearing children in mainstream settings, using spoken language as the language of instruction.

The fall course, even though it concerns speech and auditory skills *theory*, is also a very *practical* course, in that the candidate learns specific strategies for teaching each aspect of speech perception and production, and each auditory skill level. To learn these strategies, it is necessary for the candidate to acquire certain prerequisite information, including:

- Stages of speech acquisition in hearing children
- Stages of speech acquisition in children with hearing loss
- Common speech issues of children with hearing loss
- Speech acoustics: study of the International Phonetic Alphabet, phoneme classification, formants
- Speech perception abilities of children with various hearing losses
- Selection, monitoring, troubleshooting of devices specifically related to speech acoustics, as well as monitoring of acoustic environments
- Stages of auditory processing and auditory development in children with hearing loss
- Speech assessment techniques: standardized/criterion-referenced, formal/informal, phonetic/phonologic
- Speech teaching strategies (auditory, visual, and tactile)

Parent Choice

While the focus of this course is on teaching listening and spoken languages to children with hearing losses, it is not the philosophy of either the instructor or the John Tracy Center to determine what communication methodology parents should choose for their child. The choice of methodology is always the parents' prerogative. The teacher is not taught how to teach listening and spoken language so that she or he may force her/his opinions or methods on parents, but rather as a way to be able to offer parents options. Parents are *the most important members of the team* working to implement a program for *their* child. How parents raise *their* child is *their* choice.

Responsibilities of the Educator of the Deaf

Some educators of the deaf will be expected to be directly responsible for the teaching of listening and spoken language goals in their future job placements, while some will not. Because the vast majority of children with hearing losses are in the mainstream (about 75%), the majority of educators of the deaf serve as itinerant educators to support those children in the mainstream. Itinerant educators often serve as case managers, coordinating the audiological and speech/language needs for the child. At a minimum, educators in the classroom must be capable of interfacing with speech pathologists and audiologists, particularly if these professionals serve children using the consultative model in the classroom. Should the educator go on for further study to become a Listening and Spoken Language Specialist (LSLS) Certified Auditory-Verbal Therapist (Cert AVT) or Certified Auditory-Verbal Educator (Cert AVEd), teaching listening and spoken language will be one of the primary responsibilities. The knowledge, skills, and dispositions in the LSL courses provide the foundation for interprofessional understanding and communication with team members who come from the fields of speech pathology and audiology.

The Listening and Spoken Language Team

The educator/therapist must be able to serve on the listening and spoken language team, along with the speech pathologist and any speech teaching aides. As a team member, the educator will participate in helping the speech pathologist choose goals and objectives, based on children's phonologic speech use in various contexts. She/he will also be responsible for carrying the speech practice over to the classroom, and helping the child transfer phonetic speech to phonologic speech. The educator/therapist sees children usually on a daily basis, if working in a special day classroom, and can record observational data for the SLP on feeding issues, oral-motor concerns, articulation needs, etc.

The Audiological Team

As a member of the audiological team, the educator/therapist must be able to monitor the child's auditory devices on a daily basis, and troubleshoot them, if necessary, since few schools have the luxury of having an audiologist available daily. The educator/therapist must be able to evaluate a child's speech perception skills, and how a child is functioning with his auditory devices, and be able to transmit this information to the parent, the school audiologist, and the child's private audiologist. To allow better communication among team members, then, the educator/therapist must be familiar with the various philosophies, terminology, and methods that the speech pathologist and audiologist use.

Audition

The philosophy and methods used to teach spoken language are based on the premise that *audition is the easiest, most direct, most effective, and most natural way to teach spoken language* to children with hearing loss. To that end, the candidate learns how to maximize a child's residual hearing for teaching speech perception and production. For those sounds that a child cannot hear, the student learns to use the child's visual and tactile senses.

Preparation for Teaching Listening and Spoken Language

During the course, students will assess, analyze, and select targets for listening and spoken language, write ISFP/IEP goals/objectives, and create materials to teach auditory and speech skills, aligned with a child's IFSP/ISP goals and objectives. These skills will help the graduate student in every possible placement, whether the educator is an Auditory-Verbal Therapist in the parent-infant program, or itinerant program, or an Auditory-Verbal Educator in the classroom.

The Educator's Responsibilities

The **California Education Code** specifies that instruction and services for students with hearing loss shall be provided by credentialed teachers of the deaf. Such services may include speech, auditory skills, monitoring amplification, and adapting the environment. See the code section below on Designated Services:

California Education Code

[Reference Section 56363(a), Education Code: 34 CFR 300.14(a) (1)]

3051.18. Designated Instruction and Services for the Deaf and Hard of Hearing.

- (a) Instruction and services for deaf and hard of hearing pupils shall be provided by an individual holding an appropriate credential, who has **competencies** to provide services to the hearing impaired and who has training, experience and proficient communication skills for educating pupils with hearing impairments. Such services may include but need not be limited to:
- (1) **Speech, speech reading and auditory training.**
 - (2) Instruction in oral, sign, and written language development.
 - (3) Rehabilitative and educational services for hearing impaired individuals to include **monitoring amplification**, coordinating information for the annual review, and recommending additional services.
 - (4) **Adapting curricula, methods, media, and the environment** to facilitate the learning process.
 - (5) Consultation to pupils, parents, teacher, and other school personnel as necessary to maximize the pupil's experiences in the **regular education program**.
- (b) A specially trained instructional aide, working with and under the direct supervision of the credentialed teacher of the deaf and hard of hearing, may assist in the implementation of the pupil's educational program.

MSMU Department of Education
Candidate Dispositions Statement

Mount Saint Mary's University assesses candidates' *dispositions* in addition to their knowledge and skills. This approach is in keeping with a national trend in which candidates are expected to demonstrate an orientation to learning that supports student achievement. Specific dispositions are determined by each teacher preparation program.*

MSMU Education Candidates are expected to:

1. Demonstrate classroom behaviors consistent with fairness and the belief that all students can learn
2. Demonstrate respect for children, families, communities, colleagues, and supervisors
3. Conduct and represent oneself in a professional manner (including dress, behavior, and attitude)
4. Exemplify ethical behavior and integrity
5. Engage in self-reflective practice and professional growth
6. Attend to deadlines, punctuality, attendance and participation expectations
7. Follow coursework and fieldwork assignment directions given by instructors and advisors
8. Receive and make use of constructive feedback from instructors and advisors with openness and interest in improvement
9. Follow through with suggestions and/or direct instructions from instructors, advisors, and University staff
10. Be engaged and collaborative during discussions and activities required by courses and fieldwork experiences
11. Communicate clearly (both orally and in writing) with University staff, instructors, and advisors
12. Reflect the expected dispositions in work with students, families, and communities

At Mount Saint Mary's University, we follow a process of formative feedback in relationship to dispositions:

1. We believe that candidates' approach to all aspects of their teacher preparation program (advisement, in class experiences, fieldwork experiences, and communication with MSMU faculty and staff) are appropriate evidence upon which to base assessment.
2. All candidates are apprised of the MSMU Candidate Dispositions in order to ensure full transparency of expectations.
3. All candidates are apprised/reminded that they will be evaluated on the expected dispositions via the Education Department's newsletter.
4. In order to support candidates to be successful in the program, candidates will receive a Notice of Concern if an issue surfaces indicating expectations are not being met.
5. If an acknowledged pattern of concern develops that is not remedied by the candidate, a candidate may be dismissed from the teacher preparation program and/or MSMU may determine not to sponsor the candidate's application for a teaching credential with the State. This could occur irrespective of how much of the program requirements have been completed.

MSMU University and Education Department Policies

Academic Integrity: Candidates are expected to adhere to the MSMU statements on Academic Integrity published in the MSMU catalog, which is available online.

Academic Freedom: Students' and faculty's freedom of speech is constitutionally protected, so students and faculty are free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion – and allow the same freedom for others. See MSMU's Student Handbook for further discussion.

Technology Policy: Candidates are expected to adhere to the MSMU technology policy as stated in the MSMU Graduate Student Handbook, which is available online.

Internet Courseware Platform: It is important to be able to use the *Canvas* system to access lessons and templates, discussion boards, and other class information. All work for online courses should be submitted online through *Canvas*. Please ask for assistance if you are experiencing difficulties in posting.

Online Participation: It is your responsibility to check out all online components of each course ahead of time, and to verify that your personal computer is compatible with course requirements. Keep in mind that technology is variable and may not always work. Plan ahead to submit your work in a timely fashion. Do not wait until the last minute to submit your work. You are required to have an alternative back-up plan that allows you to have access to a reliable, functioning computer somewhere else in case of power black outs, technology problems, etc. When posting on the discussion forum, please use "Netiquette:" Be polite and respectful, use professional grammar and correct spelling (use Spell Check), don't write in all caps (it feels as if you're shouting), don't write in exotic fonts, and be sure to sign your name.

Students with Disabilities: Mount Saint Mary's University Los Angeles, in compliance with state and federal laws and regulations, does not discriminate on the basis of disability in administration of its education related programs and activities. We have an institutional commitment to provide equal educational opportunities for disabled students who are otherwise qualified. Students with documented disabilities must see Brandon Roberson, Director of the Doheny Learning Resource Center, to make arrangements for classroom accommodations. It is the responsibility of the student to obtain accommodation letters from the director and to make arrangement for the implementation of accommodation with faculty and/or staff in advance. Students who believe they have been subjected to discrimination on the basis of disability, or have been denied access to services or accommodations required by law, should contact the campus Disability Services Coordinator at his/her campus for resolution. For more information regarding disability grievance procedures, go to msmu.edu/disabilitygrievanceprocedures. Please be advised that this class may be audio- or video-recorded as an accommodation under the American with Disabilities Act, but only with prior permission from Disability Services and the instructor. Students may only use such recordings for personal use; no posting or further distribution or use is permitted.

Learning Resource Center: Contact the Doheny or Chalon Learning Resource Centers to arrange personal tutoring or assistance according to your needs at (213) 488-2692.

Absences: Regular attendance is especially important in the JTC/MSMU DHH Graduate Program. **Students who miss more than 20% of the instructional time in any one course may be administratively dropped from the course.** This represents and is in accordance with the University policy as stated in the MSMU catalog.