

SLPA A180: SCREENING AND THERAPEUTIC PROCESSES

Item	Value
Curriculum Committee Approval Date	12/02/2020
Top Code	122000 - Speech/Language Pathology and Audiology
Units	3 Total Units
Hours	90 Total Hours (Lecture Hours 36; Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S)

Course Description

Screening procedures and equipment used in evaluation of client status and development of treatment protocols. Therapeutic techniques, use of protocol forms, checklists and anecdotal records for speech, hearing, and language disorders. This course includes therapeutic procedures used in client protocol applications and in patient safety issues. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Demonstrate correct use of screening forms/equipment for speech/language/hearing disorders.
2. Determine appropriate materials to be used in therapy from therapeutic objectives, and demonstrate the use of stimuli, cues, prompts, and correction procedures associated with those objectives.

Course Objectives

- 1. Demonstrate use of screening/forms equipment for hearing and speech disorders
- 2. Demonstrate application of equipment used in the treatment of hearing and speech disorders
- 3. Describe client/patient access and usage of screening technology.
- 4. Describe maintenance procedures for both screening and therapeutic equipment.
- 5. Explain the implementation of protocols in screening techniques
- 6. Describe assessment requirements for evaluation of patient screening.
- 7. Calculate screening results
- 8. Describe the development of treatment regime from objectives
- 9. Describe types of augmentative/assistive technology.
- 10. Describe use of different forms of augmentative/assistive technology
- 11. Recognize different types of hearing assistive devices.
- 12. Describe the use and application of each type in relation to client need.
- 13. Describe the role of the Speech Pathologist and Assistant in development and implementation of treatment regime.

- 14. Demonstrate the use of stimuli, cues, prompts, and correction procedures.
- 15. Explain methods used for maintenance and redirection of therapeutic regime
- 16. Describe techniques for reinforcement
- 17. Distinguish types of behavior and feedback from client, family and care giver.
- 18. Explain techniques used for injury prevention

Lecture Content

Instrumentation Screening equipment for hearing testing Screening forms for speech/hearing disorders Hearing therapeutic devices Speech related therapeutic devices Maintenance procedures Screening Techniques Testing and validity Hearing Speech Language Assessment of client technique Reporting of screening results Calculation of screening data Goals and objectives Understand the development of goals and objectives from screening results Role of Speech pathologist in goal and objective formation Role of Assistant in implementation of objectives Protocol development from objectives Implementing treatment regimes from protocols Protocols Stimuli for target behaviors Observation of client responses Accuracy Conciseness Documentation Use of cues, prompts, and correction procedures Task maintenance and redirection techniques Reinforcement techniques Augmentative technology Computer assisted software and equipment Communication boards, voice output communication devices, Morse Code Picture Exchange Communication System Application of augmentative technology Hearing devices Types and maintenance Assistive Listening Devices Phonic ear Pocket talkers Auditory Trainers Assessment of therapeutic protocol techniques Relevant responses and feedback Family/caregiver behaviors and interactions Level of change Documentation Infection and patient safety issues Injury prevention Physical management techniques Patient privacy /confidentiality

Lab Content

Instrumentation Familiarity with audiometers and impedance audiometers Hearing aids/troubleshooting Speech related therapeutic devices Maintenance of equipment Screening techniques Practice with a variety of speech, language, and hearing screenings, including reporting of results and correct calculation of data Goals and objectives Understand the required components of goals and objectives Find appropriate therapy materials to use for specific speech and language objectives related to a variety of speech and language disorders Practice with therapy materials on given objectives Follow treatment plans Protocols Choose appropriate stimuli for target behavior Accurately record client responses through documentation Correct use of age appropriate cues, prompts, and correction procedures Task maintenance and redirection techniques Reinforcement techniques Patient privacy/confidentiality Assistive technology Computer assisted software and equipment Low tech and high tech support Application of various assistive/augmentative technology

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)
- Lab (04)

- DE Live Online Lab (04S)
- DE Online Lab (04X)

Instructional Techniques

A combination of lecture, technique demonstration and application of skills in laboratory setting.

Reading Assignments

Reading from text and handouts. (Approximately 2 hours per week)

Writing Assignments

Written examinations and lab assignment activities related to writing lesson plans from given therapy objectives, and how they will be implemented. (Approximately 2 hours per week)

Out-of-class Assignments

Students will complete textbook readings, and lab assignments/activities related to therapy techniques for various speech and language disorders. (Approximately 2 hours per week)

Demonstration of Critical Thinking

Student written tests. Development of appropriate and thorough lesson plans from speech and language objectives. Implementation of therapy techniques, with adjustments as needed.

Required Writing, Problem Solving, Skills Demonstration

Written examinations, development of lesson plans from therapy objectives, implementation of therapy techniques. Calculations of MLU and chronological age.

Eligible Disciplines

Speech language pathology: Master's degree in speech pathology, speech language pathology, speech language and hearing sciences, communicative disorders, communicative disorders and sciences, communication sciences and disorders, or education with a concentration in speech pathology, OR the equivalent. Master's degree required.

Textbooks Resources

1. Required Roth, Froma P., and Colleen K. Worthington. Treatment Resource Manual for Speech-Language Pathology, 7th ed. Cengage Learning, 2023 Rationale: -