

# Communication Sciences and Disorders

## Courses

**CSDO 2300. Introduction to Communication Sciences and Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Study of speech, hearing, and language development and its disorders; descriptions of communicative disorders and their etiologies for the speech-language pathologist, audiologist, health professional, and classroom teacher.

**CSDO 2301. Anatomy and Physiology for Speech and Language. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Study of the structure and function underlying the speech, language, and hearing mechanism. Prerequisite: BIOL 1406 OR BIOL 2401.

**CSDO 3300. Phonetics. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Training in the use of the International Phonetic Alphabet and practice in the transcription of normal and disordered speech.

**CSDO 3303. Introduction to Audiology. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Provides an introduction to audiology, terms and concepts related to audiology, hearing loss types, causes, assessment and treatment procedures across the lifespan. Prerequisite: Pre-req CSDO 2301.

**CSDO 3304. Speech Sound Disorders and Intervention. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Introduction to the nature, causes, and characteristics of articulation and phonological disorders, including their assessment and treatment. Prerequisite: CSDO 3300.

**CSDO 3305. Service Delivery in Communication Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours). [WI (<http://catalog.tarleton.edu/academicaffairs/>)]**

This course provides a foundation in clinical management and the delivery of services to prepare CSDO students to work in a variety of settings. Emphasis will be placed on the techniques of goal setting and writing associated objectives, report writing, evaluation of services, ethics, and interdisciplinary collaboration. The course provides the 25 hours of required guided observation. Prerequisite: CSDO 3304, CSDO 4300.

**CSDO 3307. Language Development. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Nature of language, language learning theories, and milestones of speech and language development across the lifespan; Nature of oral and written language, the relationship of language to academic learning.

**CSDO 4086. Problems in Communications Disorders. 1-6 Credit Hours (Lecture: 1-6 Hours, Lab: 0 Hours).**

Independent reading and research on various communications disorders-related topics. Entry into the course will be arranged by the faculty member with permission from the Communications Disorders Program Director and/or the Department Head. Variable credit from 1 - 6 hours. Prerequisite: CSDO 2300.

**CSDO 4090. Special Topics. 1-6 Credit Hours (Lecture: 1-6 Hours, Lab: 0 Hours).**

Intensive studies on current trends and issues related to professional practice in the field of communication sciences and disorders. May be repeated for credit when topics vary. 1 - 6 credit hours, dependent upon topic. Prerequisite: CSDO 2300.

**CSDO 4300. Language Disorders and Interventions. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Etiology, diagnosis, and therapy strategies for language disorders across the lifespan with an emphasis on evidence-based practice for preschool and school-aged children. Prerequisite: CSDO 3307.

**CSDO 4301. Aural Habilitation. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Effects of hearing differences on communication, current hearing technologies, development of auditory-based skills in individuals who are deaf/hard-of-hearing, and related clinic and classroom-based support strategies. Prerequisite: CSDO 3303.

**CSDO 4302. Diagnostics in Speech/Language Pathology. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

The diagnostic process in communication disorders. Knowledge of test protocols and assessment methods in language, articulation, voice, and fluency disorders. Prerequisite: PSYC 2317 or MATH 1342.

**CSDO 4303. Neuroscience & Language. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

This course introduces the neurology of speech and language mechanisms in children and adults. Emphasis is on the neuronal bases of speech and languages, with focus on clinical syndromes of speech motor systems and central language mechanisms. Prerequisite: CSDO 2301.

**CSDO 4304. Speech & Hearing Science. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

Physical properties of sound, sound measurement, basic auditory function, acoustic and physiological phonetics and the perception of speech. Prerequisite: CSDO 2301.

**CSDO 4305. Communication Disorders in Special Populations. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

This course focuses on an examination of disordered communication processes in special populations such as autism, varied syndromes, severe communication disorders, and augmentative communication. Signs and symptoms, etiology, clinical course and vocational-social impact of these disorders. Additionally, the course explores the principles of assessment and intervention.

**CSDO 4306. Communication Disorders in Adults. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

This course focuses on an examination of disordered communicative processes in adults. Signs and symptoms, etiology, clinical course, and vocational-social impact of these disorders. Also explored are principles of assessment and intervention. Prerequisite: CSDO 4303.

**CSDO 4307. Introduction to Voice & Fluency Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

This course focuses on developing an understanding and a foundation of knowledge about voice and fluency disorders, including the processes involved in speech production. Emphasis will be placed on acquiring knowledge about perceptual, acoustic, aerodynamic, and biomechanical perspectives on normal and disordered speech to inform assessment and treatment. Prerequisite: CSDO 4304.

**CSDO 4308. Disorders of Language and Literacy. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

This course offers an in-depth study of impairments of oral language, reading, and written expression focusing on school-aged children and adolescents. The course explores typical development, models of impairment, assessment, and treatment. Prerequisite: CSDO 3307.

**CSDO 4397. Practicum in Communication Sciences and Disorders. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours).**

This course will provide supervised field/clinical placement/s in speech-language pathology to familiarize students with the principles of assessment and intervention. Prerequisite: CSDO 3305.

**CSDO 4398. Research Fundamentals in Communication Sciences. 3 Credit Hours (Lecture: 3 Hours, Lab: 0 Hours). [WI (<http://catalog.tarleton.edu/academicaffairs/>)]**

Foundations of basic and applied research with an emphasis on methodology and evaluation of research in the field as well as evidence and ethical practice. Prerequisite: PSYC 2317 or MATH 1342.