

## CSAD 112: LANGUAGE SCIENCE AND DEVELOPMENT

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**Fall, 2021, T-Th**

Face to Face

All PowerPoints are on my website above. Test study guides are there too. Grades, announcements, and exams are posted on Canvas.

### Health & Safety Information:

1. If you are sick, stay home and do not attend class. Notify your instructor. Please self-diagnose if you are experiencing any COVID- like symptoms (fever, cough, sore throat, muscle aches, loss of smell or taste, nausea, diarrhea, or headache) or have had exposure to someone who has tested positive for COVID contact Student Health & Counseling Services (SHCS) at 916-278-6461 to receive guidance and/or medical care. You are asked to report any possible COVID related illnesses/exposures to SHCS via this link COVID-19 Illness/Exposure Report Form. Expect a call from SHCS within 24 hours. The CDC provides a good source of information regarding COVID-19 and a way to self-check symptoms: <https://www.cdc.gov/coronavirus/2019-ncov/index.html>

### Course Accessibility

*Sacramento State is committed to ensuring an accessible learning environment where course or instructional content are usable by all students and faculty. If you believe that you require disability-related academic adjustments for this class (including pregnancy-related disabilities), please immediately contact Services for Students with Disabilities (SSWD) to discuss eligibility. A current accommodation letter from SSWD is required before any modifications, above and beyond what is otherwise available for all other students in this class will be provided. Please be advised that disability-related academic adjustments are not retroactive. SSWD is located on the first floor of Lassen Hall 1008. Phone is 916-278-6955 and e-mail is [sswd@csus.edu](mailto:sswd@csus.edu). For a complete listing of services and current business hours visit <https://www.csus.edu/student-affairs/centers-programs/services-students-disabilities/>*

### **TEXTBOOK**

Owens, R.E. (2020). *Language development: An introduction* (10<sup>th</sup> ed.). Boston: Pearson Education.

### **LEARNING OUTCOMES**

The student will:

1. Understand and apply various approaches to child language development as consistent with current research literature.
2. Demonstrate knowledge of basic definitions of language and bases of language functioning, including the relationship between language and cognition.
3. Demonstrate knowledge of typical language development in children, including being able to list major milestones of syntax, morphology, phonology, semantics, and pragmatics.

4. Describe the neurological bases of speech and language.
5. Critically analyze and explain implications of theories of child language development and disorders. These models and theories include behaviorism, transformational generative grammar and government binding theory, social interactionism, cognitivism, and information processing theory.
6. List and briefly explain techniques for gathering a language sample from a child.
7. Explain the concept of Mean Length of Utterance (MLU) and how MLU is determined.
8. List major milestones and characteristics of written language development, including reading, writing, and spelling.
9. Explain how characteristics of school-aged language development relate to the demands of the Common Core State Standards.
10. Describe changes and developments in the language of adolescents and adults in the areas of pragmatics, syntax, morphology, and semantics.
11. Explain the impact of prenatal exposure to drugs and alcohol on language development.
12. Discuss the effects of linguistic and cultural diversity on language development, applying this information to children from a variety of cultural and linguistic backgrounds.
13. Demonstrate knowledge of the effects of poverty on language development.
14. Explain how neglect and abuse impact a child's language development.
15. List and describe ways that ADHD affects a child's developing language skills.
16. Promote the student's knowledge of evidence-based practice through analysis of relevant current research.
17. Explain the concept of culturally responsive practices when providing services to children with potential language impairment and their families.
18. Explain the difference between equality and equity and how to promote equity for children and families who are members of marginalized communities.
19. Discuss the issue of health equity and how it impacts children's developing language.
20. Describe linguistic human rights and how communication disorders professionals can successfully promote these rights.
21. Discuss the importance of integrity, effective communication skills, and accountability when working with clients and their families.
22. Highlight procedures for engaging in collaborative practice with other professionals in order to provide the most comprehensive services for clients.

*These learning outcomes will be assessed through the strategies of grading of course examinations and assignments.*

## **COURSE OUTLINE**

**8/31/21**                      **INTRODUCTION TO COURSE: review syllabus and class requirements, view children's literacy Power Point Love Talk Read**

**9/2/21**                      **INTRODUCTION TO CHILD LANGUAGE**

Foundations: speech, language, communication

Components of language: pragmatics, semantics, syntax, morphology, phonology

Linguistic human rights

Owens chapter 1

9/7/21	<b>LANGUAGE DEVELOPMENT THEORIES: PRACTICAL IMPLICATIONS</b>
	Language development theories Practical implications of language theories for intervention
9/9/21	<b>LANGUAGE DEVELOPMENT THEORIES: CONTINUED (Dr. R. in Indiana—please see asynchronously recorded lecture posted on Canvas)</b>
9/14/21	<b>NEUROLOGICAL BASES OF SPEECH AND LANGUAGE</b>
	Central nervous system Language processing (comprehension and production) Hemispheric functions and specializations Executive functioning
9/16/21	<b>SOCIAL AND COMMUNICATIVE BASES OF EARLY LANGUAGE AND SPEECH—INFANT DEVELOPMENT</b>
	Infant communication development Socialization and early communication Role of the caregiver  Owens chapter 5
9/21/21	<b>SOCIAL AND COMMUNICATIVE BASES OF EARLY LANGUAGE AND SPEECH—INFANT DEVELOPMENT (continued)</b>
9/23/21	<b>Test 1            Class will not meet</b>
9/28/21	<b>LANGUAGE-LEARNING AND TEACHING PROCESSES AND YOUNG CHILDREN</b>
	Comprehension, production, and cognitive growth Children's processes of language acquisition  <i>Owens chapter 6</i>
9/30/21	<b>TODDLER LANGUAGE DEVELOPMENT</b>
	First words and word combinations Bilingual considerations Semantic, syntactic, and morphological development  <i>Owens chapter 7</i>
10/5/21	<b>TODDLER LANGUAGE DEVELOPMENT CONTINUED</b>

<b>Children's book assignment due on 10/5/21</b>	
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10/7/21	<b>PRESCHOOL PRAGMATIC AND SEMANTIC DEVELOPMENT</b>
	Pragmatic development Narrative development Semantic development Theory of Mind  <i>Owens chapter 8</i>
10/12/21	<b>PRESCHOOL PRAGMATIC AND SEMANTIC DEVELOPMENT (continued)</b>
10/14/21	<b>PRESCHOOL SYNTACTIC AND MORPHOLOGICAL DEVELOPMENT</b>
	Development of milestones of syntax Development of milestones of morphology
10/19/21	<b>LANGUAGE SAMPLING TECHNIQUES AND APPLICATIONS</b>
	Parts of speech (review of such structures as nouns, verbs, adjectives, compound and complex sentences, clauses, etc.) Calculating mean length of utterance Glossing a child's expressive language errors
10/21/21	<b>Test 2      Class will not meet</b>
10/26/21	<b>EARLY SCHOOL-AGE LANGUAGE DEVELOPMENT</b>
	Pragmatic development and conversational abilities Narrative skills Semantic development  <i>Owens chapter 10</i>
10/28/21	<b>EARLY SCHOOL-AGE LANGUAGE DEVELOPMENT (continued)</b>
	Syntactic development Morphological development Metalinguistic abilities Language development and the Common Core State Standards
11/2/21	<b>SCHOOL-AGE LITERACY DEVELOPMENT</b>
	The process of reading The role of phonological awareness

11/4/21	<b>SCHOOL-AGE LITERACY DEVELOPMENT (continued)</b>
	Common Core State Standards Development of print awareness
11/9/21	<b>ADOLESCENT AND ADULT LANGUAGE</b>
	Pragmatics in the later years Considerations in semantics Syntax and morphology
	Owens chapter 12
11/11/21	<i>No classes—Veteran’s Day</i>
11/16/21	<b>LANGUAGE DEVELOPMENT OF CHILDREN WHO HAVE BEEN NEGLECTED AND/OR ABUSED (this information is on test 4, not test 3)</b>
	Impact of neglect and abuse on children's developing language skills
11/18/21	Test 3      No class meeting
11/23/21 <b>POVERTY</b>	<b>LANGUAGE DEVELOPMENT IN CHILDREN EXPERIENCING</b>
	Language issues in children of low-income backgrounds Promoting linguistic human rights and linguistic and health equity Environmental and family characteristics of low-income children Techniques for supporting language development in low-income children
	<i>No class 11/25</i>
11/30/21	<b>LANGUAGE DEVELOPMENT IN CHILDREN EXPERIENCING POVERTY (continued)</b>
12/2/21	<b>LANGUAGE OF CHILDREN PRENATALLY EXPOSED TO DRUGS AND/OR ALCOHOL</b>
	Incidence, characteristics of maternal drug use in CA and U.S. Characteristics, speech-language needs of children prenatally exposed to alcohol and drugs Assessment & intervention
12/7/21	<b>LANGUAGE OF STUDENTS WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER</b>
	Impact of ADHD on language development Intervention strategies and materials Practical classroom modifications to accommodate learners with ADHD

12/9/21

**TEST FOUR Class will not meet****COURSE REQUIREMENTS**

**Participation.** Although attendance and participation are not formally graded, I will informally note them. I anticipate that you will do all assigned readings. All readings should be completed **before class** on the day they are to be discussed. Please remember that lectures will be much easier to follow if you have read the day's assignment BEFORE you come to class. I suggest that you do the following:

1. Before class, read the reading(s) and highlight important information.
2. Attend class, hear the lecture.
3. After class, re-read the reading(s).

All lectures will be recorded synchronously and archived on Canvas for the whole semester.

**4 Examinations.      100 points each**

Five examinations will be given. You are required to take at least 4 of them. **NO MAKE-UP EXAMINATIONS ARE EVER GIVEN UNLESS THERE IS A DOCUMENTED MEDICAL EMERGENCY AND YOU HAVE WRITTEN PROOF.** If you are allowed a make-up, the make-up can only be done during the week **before** dead week. (Dead week is the week before finals.) ***You are responsible for contacting the professor for this makeup.*** No makeups are given during dead week or after dead week for any reason, including medical.

You are welcome to choose not to take any one of the exams offered during the semester; however, if you miss a second exam, that score will be recorded as a "zero" and averaged in with your other test scores counting towards your final grade. If you choose to take all 5 exams, your lowest score will be thrown out and your 4 highest scores averaged together.

The examination during finals week will not be cumulative; it will only cover certain information. I will specifically review this information with you in order to guide your studying.

Examinations are based on lectures, readings, guest speakers, and videos. Lectures will cover some of the book information plus additional information not covered in the text. Thus, class attendance is encouraged.

Examinations will include 50 true-false and multiple choice questions worth 2 points each. Thus, each exam is 100 points total. Exams will be posted on Canvas. You will have a window of 72 hours to take each exam; when you open the exam, you will have 90 minutes to take it. **If you experience Internet issues while taking the exam, this is your responsibility and no makeup times or extensions will be given in order to accommodate this.**

Examinations will be taken open note and open book. I will not be focusing a camera on you.

**Children's Book Assignment      60 points**

Please find (personally or on line) 3 children's books. You will write a short paper about the books. For each book, you will write up 2 language therapy activities related to the book. Please write up one activity addressing morphology, and one activity dealing with increasing vocabulary skills. You will need to pick **one** target vocabulary word for each book and base your therapy activities on teaching that particular word. For example,

you might pick the word “airplane.” For morphology, pick one or more **bound morphemes** to target (e.g., un-, -ing, -ed, -s, pre-). The paper should be 1-1.5 pages long single spaced. On my website, I have four examples of past students who have received 100% on the assignment. I want to set you up for success by giving you examples of what 100% looks like.

This assignment is worth 60 points. Please make sure you use **complete sentences** and correct grammar and punctuation. **One point will be taken off** for each incomplete sentence, misspelled word, instance of incorrect grammar, and instance of incorrect punctuation. **Please be sure your writing is perfect. I suggest having 1-2 people proofread your assignment before you post it to Canvas.**

This assignment must be turned in on 10/5/21 for you to be eligible for the whole 60 points. If it is late (comes in after 10/5/21), I will begin taking 5 points off per day. I will take off 5 points per day for a maximum of -20 points. The last day the assignment may be turned in to me for consideration is 10/5/21.

Please post your assignment on Canvas. I'll write comments and feedback for you. It will take me a couple of weeks to grade your assignment.

\*\*Note: if you recommend an iPad app or youtube video, you need to write down the **exact title** of the app or video. It cannot just be a generic activity like “Find a youtube video about tigers” or “use an iPad app that has turtles.” Again, you must be specific—thanks!

### **GRADING CRITERIA**

There are 460 points possible in the class. I will add up all your points to calculate your grade. I will calculate your grade objectively. The exact grading criteria are as follows:

94.5-100	A	73.5-76.499	C
89.5-94.499	A-	69.5-73.499	C-
86.5-89.499	B+	66.5-69.499	D+
83.5-86.499	B	63.5-66.499	D
79.5-83.499	B-	59.5-63.499	D-
76.5-79.499	C+	Below 59.5	F

I will follow university policy regarding cheating and regarding the administration of a grade of "Incomplete." Students are allowed to drop the course only for serious and compelling reasons.

**REMEMBER: IN ORDER TO GRADUATE WITH YOUR BACHELOR'S DEGREE IN SPEECH PATHOLOGY, YOU NEED A MINIMUM GPA OF 3.0.**

**Letters of recommendation:** Please see my website for specifics. Click on the Courses link. I need everything turned in to me at least 4 weeks—28 days—in advance. I only accept requests and materials, both paper and electronic, by November 10 in the fall and April 10 in the spring. I do not accept anything turned in after this. If electronic or paper forms or requests come in after these dates, I will regard them as having come in on the first day of the next semester, and will give myself 28 days from that time to complete things for you.

**\*\*\*\*Read the readings before class\*\*\*\***

1. Review each day's lecture notes *later that same day* to aid retention.
2. Review a lot! Research with adult learners shows that in order to truly master information, you have to hear it at least 4 times and practice it 6-8 times.
3. It is **very** helpful to study with other people. Being part of a study group is one of the biggest positive predictors of success.
4. Recite and write! Recite or repeat material out loud. Write it out (in longhand, not on the computer). Reciting and writing solidify information in your memory.
5. Study a little every day rather than cramming once or twice. For example, it is better to study 20-30 minutes a day than to study 6 hours the night before an exam.
6. Remember every course unit = 3 hours of studying outside of class. Thus, for a 3-unit class, you would study/do homework 9 hours a week.
7. Make flashcards—3 x 5 cards are good. Carry them with you everywhere and review whenever possible—even 2-3 minutes in the 10 or less items line at Safeway helps! Put the term/definition on one side and the exact definition from the book on the other side.
8. **Write your own test questions in the instructor's style.**

**Inclusion Statement**

Students in this class are encouraged to speak up and participate online through Zoom classes or discussion posts. Each of us must show respect for each other because our class represents a diversity of beliefs, backgrounds, and experiences. I believe that this is what will enrich all of our experiences together. I recognize that our individual differences can deepen our understanding of one another and the world around us, rather than divide us. In this class, people of all ethnicities, genders and gender identities, religions, ages, sexual orientations, disabilities, socioeconomic backgrounds, regions, and nationalities are strongly encouraged to share their rich array of perspectives and experiences. If you feel your differences may in some way isolate you from our classroom community or if you have a specific need, please contact me early in the semester so that we can work together to help you become an active and engaged member of our class and community. This text was adapted from CSU Chico and Winona State University's posts.

**LEARNING OUTCOMES RECORDING SHEET**

The student will:

1. Understand and apply various approaches to child language development as consistent with current research literature.
2. Demonstrate knowledge of basic definitions of language and bases of language functioning, including the relationship between language and cognition.
3. Demonstrate knowledge of typical language development in children, including being able to list major milestones of syntax, morphology, phonology, semantics, and pragmatics.
4. Describe the neurological bases of speech and language.
5. Critically analyze and explain implications of theories of child language development and disorders. These models and theories include behaviorism, transformational generative grammar and government binding theory, social interactionism, cognitivism, and information processing theory.
6. List and briefly explain techniques for gathering a language sample from a child.
7. Explain the concept of Mean Length of Utterance (MLU) and how MLU is determined.



8. List major milestones and characteristics of written language development, including reading, writing, and spelling.
9. Explain how characteristics of school-aged language development relate to the demands of the Common Core State Standards.
10. Describe changes and developments in the language of adolescents and adults in the areas of pragmatics, syntax, morphology, and semantics.
11. Explain the impact of prenatal exposure to drugs and alcohol on language development.
12. Discuss the effects of linguistic and cultural diversity on language development, applying this information to children from a variety of cultural and linguistic backgrounds.
13. Demonstrate knowledge of the effects of poverty on language development.
14. Explain how neglect and abuse impact a child's language development.
15. List and describe ways that ADHD affects a child's developing language skills.

The instructor will use a variety of activities and strategies that implement both quantitative and qualitative assessment measures to ensure maximization of students' opportunities to learn and integrate information. The quantitative and qualitative data from these multiple assessment measures will be triangulated to evaluate students' mastery of each learning outcome.

LEARNING OUTCOME	ASSESSMENT MEASURES	RECORD
1	Exam 1, Exam 2	
2	Exam 1, group synthesis report	
3	Exam 1, Exam 2, case analysis, video summary	
4	Exam 1, integrative synopsis	
5	Exam 2, MLU count activity, language sample analysis	
6	Exam 3, Case analysis, video summary	
7	Integrative synopsis	
8	Exam 3, case analysis, clinical application summary	
9	Exam 3, case analysis	
10	Exam 3, video summary, case analysis	
11	Exam 3, case analysis, group synthesis report	
12	Exam 4, case analysis, integrative synopsis	
13	Case analysis, integrative synopsis, Exam 4	
14	Exam 4, clinical application summary	
15	Exam 4, case analysis	

The following ASHA standards are met by successful completion of this course:

#### **Standard IV-C: Speech, Language, Hearing, Communication, and Swallowing Disorders and Differences**

- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: receptive and expressive language disorders (phonology, morphology, syntax, semantics, pragmatics, prelinguistic communication, and paralinguistic communication) in speaking, listening, reading, writing, and manual modalities (including the etiologies, characteristics, and anatomical physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.)

**Standard IV-B: Basic Human Communication Processes**

- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: developmental/lifespan bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: linguistic bases of human communication.