

**KING SAUD UNIVERSITY
COLLEGE OF APPLIED MEDICAL SCIENCES
DEPARTMENT OF REHABILITATION
SPEECH AND HEARING DIVISION**

Course Title: SLP IV: Craniofacial Anomalies

Course Number: RHS 462

Credit hours: 4 (Lecture and Practicum)

Prerequisite: NONE

Course Instructor: Nada O. Faquih, Ph.D, SLP

Email: nfaquih@ksu.edu.sa

Lecture time: Mondays 8:15-10:00 a.m

Office hours: after class or by appointment

Textbook:

Kummer, Ann W. (2013). Cleft Palate & Craniofacial Anomalies: Effects on Speech and Resonance, 3rd ed. Cengage Textbook.

Recommended References:

Kushner-Golding, K. (2001), Therapy Techniques for Cleft Palate Speech and Related Disorders, Singular Thomson Learning.

Shipley, K; McAfee, J. (2008), Assessment in Speech-Language Pathology: A Resource Manual

Roth, F.; Worthington , C. (2013), Treatment Resource Manual for Speech Language Pathology

Course objectives: To familiarize students with assessment and management of craniofacial anomalies and its association with speech, language, and swallowing disorders.

Course Description: The course discusses the typical anatomy and physiology of the facial and oral structures in addition to the embryology of the craniofacial structures. The course proceeds to focus on the etiology and types of cleft lip and palate and associated craniofacial syndromes. Finally, the course discusses the role of speech-language pathology in assessing, managing, and treating speech, language, and swallowing disorders in regards to the pediatric population with craniofacial anomalies.

Grading:

Final: 40%

Midterm: 15%

Syndrome presentation: 10%

Case Study presentation: 10%

Quizzes: 5%

Practicum: 20%

SYLLABUS

week	date	topic	Assignment
1	1/9/2014	Introduction	Choose a syndrome for your presentation
2	8/9	Chapter 1: Anatomy, Physiology, & Embryology	
3	15/9	Chapter 2: Clefts of the lips and Palate Chapter 3: Genetics of Clefts	
4	22/9	Chapter 6: Developmental Aspects of Speech, Language and Cognition	Prepare for Syndromes presentations
	29/9	Hajj Break	
	6/10	Hajj Break	
5	13/10	Syndromes Presentations	
6	20/10	Chapter 7: Resonance and Velopharyngeal dysfunction -watch videos	Study for Midterm
7	27/10	Chapter 12: Oral-facial examination Chapter 11: Speech & resonance assessment	Study for Midterm
8	3/11	Midterm	
9	10/11	Guest Speaker (To be Announced)	
10	17/11	Chapters 13, 14, 16, 17: Instrumental Procedures	Case studies to be distributed
11	24/11	Assessment Procedures	
12	1/12	Chapter 18: Surgical management Chapter 20: Prosthetic Management Chapter 21: Speech Therapy	
13	8/12	Cont. Chapter 21: Speech Therapy. Examples of case studies	Prepare for case studies presentations
14	15/12	Case studies Presentations	
15	22/12	Chapters 10, 22, 23: Interdisciplinary team management & parents counseling. Final Review	
16	29/12	Final	
17	5/1/2015		

Assignments Description:

1) Syndrome presentation:

Students will be divided into groups of two or three. They will be asked to present on a syndrome that causes craniofacial anomalies and is associated with at least two of the following: Speech (voice, resonance, articulation), language (expressive, receptive), cognitive, and feeding/swallowing disorders.

The presentations will be 10 minutes maximum. All of the group members' must contribute to the preparation of the powerpoint slides and the oral presentations. A copy of the power point should be submitted. A rubric of the requirements of the presentation will be submitted separately and the students are expected to adhere to it.

2) Case Study presentations:

Students will be divided into groups of four. They will be given case studies of speech/language related disorders caused by craniofacial anomalies. Students will be asked to analyze the given information and prepare:

- Summary of the case history (already provided)
- Thorough assessment plan
- Expected assessment results
- Diagnosis
- Treatment plans (LTOs, STOs)
- Referrals as needed

A rubric of the requirements of the presentation will be submitted separately and the students are expected to adhere to it.

Class Rules and Guidelines:

- Come to class on time
- Submit assignments on time
- Keep your cell phones on silent during the lecture and practicums
- Check your KSU email regularly for announcements or cancellations
- If you have any questions or issues, inform the instructor ASAP

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Syndrome Presentation Rubric (10%):

Presentation skills (Style, clarity, voice projection, describing the discussing the topic with the audience, eye contact with the audience, do not read straight from the slides!!)
Organization of Slides (font size (16 minimum), include bullet points and avoid long sentences, include pictures for examples and illustrations, videos may be included, graphics and animations will not be given credit)
Contents of the Slides 1) originality (do not copy and paste) 2) include the following: <ul style="list-style-type: none">• Name of the syndrome• Definition• Cause• Incidence and prevalence (universally and preferably in the middle east)• Characteristics & Features: Anatomical features, Hearing Characteristics, Cognitive Characteristics, Speech & Language, and swallowing/feeding issues
Writing mechanics (use of correct grammar, spelling, punctuation marks)
Citation and References (cite all used resources including the pictures) References include: <ul style="list-style-type: none">• Course Textbook (optional)• Professional and organizations websites (e.g., www.asha.org, www.mayoclinic.org, www.operationsmile.org)• Do not use wikis (e.g., Wikipedia) unless for pictures• <u>At least one article</u> from a professional peer reviewed journal