



Jordan University of Science and Technology
 Faculty of Applied Medical Sciences
 Department of Rehabilitation Sciences
 Second Semester 2013-2014
 Course Syllabus

Course Syllabus Course Information	
Course Title	Phonetics: Theory and Application
Course Code	AS 224 3 credit hours (Theory2; Practical:1)
Prerequisites	AS 203
Lecture time	
Lab time	
Lecture Location	
Lab Location	
Instructor	Dr. Fadwa Khwaileh
Office Location	Faculty of Applied Medical Sciences
Office Hours	
E-mail	fakhwaileh@just.edu.jo
Teaching Assistant(s)	

Course Description
This is a course in phonetics. It explains how speech sounds are produced. It covers topics related to the basic components of speech. It aims at teaching student phonetic transcription of normal and disordered speech.

Textbook	
Title	Clinical Phonetics
Author(s)	Lawrence Shriberg & Raymond Kent
Publisher	Allyn & Bacon
Year	2003
Edition	3 rd
Book Website	NA

Assessment		
Assessment	Semester Work	Final Work
Theory (2 credit hours)	40%	27%
Practical (1 credit hour)	20%	13%

Assessment Due Dates		
Assessment	Theory	Practical
First Exam	Week 6	Weekly assignments
Second Exam	Week 11	Weekly assignments
Final Exam	TBA Registrar	TBA Registrar

Course Objectives	Percentage
1- full understanding of the anatomical and physiological bases of speech sounds production	20%
2. full understanding of the different categories of sounds and how they are used.	25%
3. standard descriptive systems for characterizing production of speech sounds and speech sound errors	25%
4. practice transcription	30%

Teaching & Learning Methods
1- Classes 2- PowerPoint presentation 3- Demonstration 4- Audio presentation 5- Exercises

Learning Outcomes: Upon successful completion of this course, students will be able to	
Related Outcomes	Reference(s)
1. Understand anatomical and physiological bases of speech sounds. 2. Identify the different categories of sounds and how they are used. 3. Understand standard descriptive systems for characterizing production of speech sounds and speech sound errors 4. Being able to phonetically transcribe normal and disordered speech	Chapters 1-10 in the textbook

Course Content		
Week	Topics	Chapters in Textbook
1	-Introduction, overview of clinical phonetics	1
2	-Linguistic phonetics	2
3	-The three systems of speech production	3
4+5	-Consonants: Place of articulation, Manner of articulation and voicing	5

6	- First exam, papers back. Discussion of questions	
7+8	-Vowels and Diphthongs: Tongue height, tongue advancement and lip rounding	4
9	- Suprasegmental features and coarticulation	6
10	-Transcription of normal speech	7
11	- 2 nd exam, papers back. Discussion of questions	
12	-Diacritics in Sound context	8
13	-Anatomical bases of developmental phonetics	9
14+15	-Clinical scoring and transcription of Normal and Disordered Speech	10

Lab Schedule and Content		
Week	Topics	Material
1	-Exercises on Chapter one	Paperwork
2	- Exercises on Chapter two	Paperwork
3+4	- Exercises on Chapter three	Paperwork
5	- Exercises on Chapter five	Paperwork
6+7	- Exercises on Chapter four	Paperwork
8	- Exercises on Chapter six	Paperwork
9+10	-Transcription practice of normal speech (Audio files)	Audio files
11+12	-Exercises on Diacritics in Sound context (Audio files)	Audio files
13+14+15	-Clinical scoring and transcription of Normal and Disordered Speech (Audio files)	Audio files

Clinical Linguistics & Phonetics, December 2015; 29(12): 873-908 © 2015 Taylor & Francis ISSN: 0269-9206 print / 1464-5076 online DOI: 10.3109/02699206.2015.1062559. Acquisition of velars: A whole-word approach. MARGARET KEHOE. They may also be conditioned by a variety of phonetic and phonological factors such as vowel quality, voicing and prosodic context (Inkelas & Rose, 2007; McAllister Byun, 2012). Advances in Clinical Phonetics focuses on important developments in phonetic description. Recent years have seen increasing developments in phonetic description, in both instrumental and impressionistic approaches. Not restricted to the phonetics of normal speech, clinical phoneticians and speech scientists working with disordered speech, have been at the forefront of recent work. Clinical linguistics & phonetics, 2003, vol. 17, no. 7, 549-574. A diagnostic marker for childhood apraxia of speech: the lexical stress ratio. Lawrence D. Shriberg, Thomas F. Campbell, Heather B. Karlsson, Roger L. Brown, Jane L. McSweeney and Connie J. Nadler.