



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Department of Rehabilitation Sciences
First Semester 2016-2017
Course Syllabus

Course Syllabus Course Information	
Course Title	Anatomy and Physiology of Speech (Lab)
Course Code	AS 223
Prerequisites	AS 221
Course Website	http://elearning.just.edu.jo (class materials will be uploaded there)
Lecture time	
Lecture Location	Lab
Instructor	Dr. Fadwa Khwaileh
Office Location	Faculty of Applied Medical Sciences
Office Hours	
Office Phone #	
E-mail	fakhwaileh@just.edu.jo
Teaching Assistant(s)	NA

Course Description
This lab course is intended to train students to identify and label anatomic and physiologic information and landmarks concerning the respiratory, laryngeal, and supraglottal airway as it pertains to speech production and swallowing.

Textbook	
Title	Anatomy and Physiology for Speech, Language, and Hearing.
Author(s)	J. Anthony Seikel, Douglas.W King, & DavidDrumright
Publisher	Thomson and Delmar Learning.
Year	2005
Edition	3 rd
Book Website	NA

Assessment Due Dates		
Assessment	Expected due date	Percentage
assignments	Biweekly	10%
Lab work and Participation	Weekly	10%
Mid Exam		40%
Final Exam	TBA Registrar	40%

Course Objectives	Percentage
1. Full understanding of different human elementary tissues and detailed structure of skeletal and muscular system.	15%
2. Full understanding of the detailed structure of the respiratory system and function in relation to speech production.	25%
3. Full understanding of the detailed structure of the larynx and its function for speech production.	25%
4. Full understanding of the detailed structure of the oropharyngeal and nasal passages and their function for speech production and swallowing.	25%
5. Being familiar with neuroanatomy and physiology pertaining to speech production with specific emphasis on cranial nerves.	10%

Teaching & Learning Methods	
<ol style="list-style-type: none"> 1. Models of anatomical landmarks pertaining to speech and swallowing 2. Demonstration 3. Visual presentation of Anatomical landmarks through DVD and websites 4. Exercises 5. Drawing of certain anatomical structures 	
Learning Outcomes: Upon completion of this course, the student will be familiar with the following objectives.	
Related Outcomes	Reference(s)
<ol style="list-style-type: none"> 1. The general structure of the human elementary tissues. 2. The more detailed structure of the human skeletal system. 3. The more detailed structure and function of the human muscular system. 4. The detailed structure of the respiratory system and functioning for speech purposes. 5. The detailed structure of the larynx and functioning for speech purposes. 	Chapters 1-13 in the textbook+DVD

<p>6. The detailed structure of the oropharyngeal and nasal passages and functioning of these structures for speech purposes.</p> <p>7. Basic knowledge of neuroanatomy and physiology pertaining to speech production.</p>	
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Course Content (the schedule is tentative depending on how we progress through the material)

Week	Date	Topic	Materials
1		Introduction	
2		<i>New Hijri Year's Day</i>	<i>Holiday</i>
3		Practice Basic Elements of Anatomy	DVD+paperwork
4		Practice Anatomy of Respiration	DVD+paperwork
5		Practice Physiology of Respiration	DVD+paperwork
6		Practice Anatomy of Phonation	DVD+paperwork
7		Practice Anatomy of Phonation	DVD+paperwork
8		Midterm Exam	
9+10		Practice Anatomy of Articulation and Resonance	DVD+paperwork
11		Practice Physiology of Mastication and Deglutition	DVD+paperwork
12		<i>Birth of Prophet Mohammad, peace be upon him.</i>	<i>Holiday</i>
13		Practice Neuroanatomy +Neurophysiology	DVD+paperwork
14	TBA	Final Exam	

Additional Notes/Polices	
Statement on Professionalism:	Professional behavior is expected of students at all times. Attitude and professional behavior are a minimum criterion for passing this class. Repeated lack of professional behavior will result in failure of the course. Examples of unprofessional behavior include but are not limited to: missing classes (see attendance policy), tardiness, lack of attention for a speaker, talking to others during lecture, passing food during lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, inappropriate dress for labs, and sleeping during class.
Cheating	All assignments and learning activities should be of the student's own work unless instructed differently. The

	instructor will follow JUST's roles and regulation in the cases of cheating in an exam and/or plagiarism.
Cell Phone:	Please do not use cell phones or pagers in class. If you are depended upon for anticipated emergencies please put cell phones on vibration mode and answer the phone outside the classroom.
Attendance:	Attendance will not count for points in this class, however attending the lectures and labs will greatly enhance your grade. The student is responsible for any information discussed in lecture and lab sessions. It is imperative to attend all classes!
Absences:	According to Student Manual (Item 8: B, C & D), students are not allowed to be absent for more than 10% of lectures without any official excuse (and more than 20% with an official excuse). If a student exceeds either cases, he or she will not be allowed to sit for future course exams and will be dropped electronically from the class unless the student had already withdrew from the course (according to item 13: B).
Make-up will be granted in the following cases only:	<p>Official university activities (with proper documentation).</p> <ul style="list-style-type: none"> <input type="checkbox"/> Extenuating circumstances (PRIOR approval should be obtained or direct contact made with the instructor within 24 hours). <input type="checkbox"/> Students should get official confirmation for these excuses from Assistant Dean of the Faculty of Applied Medical Sciences.
Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor. You can contact your instructor during office hours or using the e-mail: fakhwaileh@just.edu.jo