

**Faculty of Nursing, Pharmacy and Health Professions**

**Department of Audiology and Speech Therapy**

**SPAU 315 Audiology Practicum I**

**Course Syllabus**

**Course Description**

The aim of this course is to provide Audiology and Speech Therapy students with the basic theory and application of audiology diagnostic testing. Topics discussed during this course will include: types and procedures of assessments, history-taking skills, evaluation and testing of the auditory system, validation and verification of aural rehabilitation. Students will be trained to (1) adequately take a patient’s history (2) perform basic audiological testing including, otoscopy, tympanometry, otoacoustic emissions, Pure Tone Audiometry, and speech audiometry (3) Counsel patients (4) reflect on their advancement and self-criticize their performance. Students are required to have completed/ being enrolled in SPAU 313 Clinical Observation, SPAU 334 Diagnostic Audiology, and SPAU 328 Principles of Evaluation, Diagnosis, and report writing.

**OFFERED:** Spring Semester 2022

 Section 1: Wednesday 8:00 –11:30 Location: On Campus

 Section 2: Wednesday 12:00 – 15:30 Location: On Campus

 Section 3: Monday 12:00 – 15:30 Location: On Campus

 Section 4: Monday 8:00 – 11:30 Location: On Campus

 Section 5: Wednesday 12:00 – 15:30 Location: On Campus

**CREDITS:** One credit hour

**FACULTY:**

**Sec. 1 & 2** **Amal Abu Kteish, MSc Audiology**

 Office: PNH 310

 Email : aabukteish@birzeit.edu

**Sec. 3, 4, &5** **Dina Budeiri, MSc Audiological Science**

Office: PNH 404
Email: dbudeiri@birzeit.edu

**Course competencies:**

Upon successful completion of this course, students will:

1. Demonstrate the ability to administer, adapt and interpret appropriate case history and develop an assessment plan based on client’s presenting profile
2. Demonstrate the ability to perform basic audiological tests
3. Demonstrate adequate skills for test outcome recording
4. Demonstrate the ability to interpret the audiological test outcomes
5. Demonstrate the ability to make decisions for referral or further testing based on the audiological test interpretations
6. Demonstrate adequate report-writing skills

**Required text:**

J. Katz, L. Medwetsky, R. Burkard, L. Hood (2009). Handbook of Clinical Audiology.Sixth Edition. Lippincott, Williams & Wilkins, Philadelphia

**Recommended procedures and practice guidance:**

1. BSA recommended procedure: Pure-tone air-conduction and bone conduction threshold

audiometry with and without masking (2017)

2. BSA recommended procedure: Ear examination (2016)

3. BSA recommended procedure: Tympanometry (2013)

4. BSA recommended procedure: Determination of uncomfortable loudness levels (2011)

|  |
| --- |
| **COURSE REQUIREMENTS AND GRADING** |

**Course Requirements**

Students enrolled in SPAU 315 will:

1. Attend classes and participate in class discussions.
2. Expect a quiz (written or oral) at each meeting that will assess your understanding of the skills learned at the previous meeting, so any unexcused absence may result in loss of marks
3. Work in rotating groups to complete required assignments
4. Be responsible for the maintaining of cleanliness and order of training rooms, disinfecting the parts of instruments that need to be cleaned after use, shutting down all equipment at the end of training, including computers, and returning toys and games to their places at the end of training
5. Refrain from eating and/or drinking in the training rooms and around testing equipment and computers
6. Present and discuss at least one case study in class
7. Be asked to review four reports during the semester
8. Submit all assignments and reports in class on assigned due date. Late assignments will not be accepted without prior approval from the instructor and will result in a deduction of points
9. Complete all exams and quizzes designed to evaluate the understanding of the goals of this course
10. Be expected to have completed the assigned readings (when applicable) before attending classes. Readings will be assigned in class at least one week prior to topic discussion time
11. Be expected to follow the instructions and regulations of the speech and hearing clinic, as well as follow the suggested format for any required paperwork during the semester (i.e., assessment reports, treatment plans, session plans, and progress reports)
12. Be evaluated on sessions attended by the clinical supervisor along the semester
13. Turn off their cell phones during class-periods

**Grading**

Grades will be assigned based on the following percentages:

Interpersonal skills, commitment and Attitude 10%

Assignments (inc. 1 presentation) 15%

Midterm Exam 20%

Daily Evaluations 20%

Final Exam (Written and Practical) 35%

Students will accumulate points for all reports, practical skill application, class discussions, quizzes and the final examination. The final grade will be based on the total number of points accumulated by the student and expressed as a percentage (%) of the total points possible during the semester.

**Practical Skills**

The student will be expected to achieve basic competencies in the following test methods and procedures:

* History Taking
* Otoscopy
* Pure-tone audiometry with and without masking (air and bone conduction)
* Uncomfortable loudness levels (ULLs)
* Use of audiometry simulator software
* Middle ear admittance testing
* Transient-evoked & distortion product otoacoustic emissions (TEOAEs & DPOAEs)
* Speech audiometry

**COURSE SCHEDULE**

|  |  |
| --- | --- |
| **Week** | **Topics** |
| Week 1 | * Case History Taking & Ear Examination (i.e. Otoscopy)
 |
| Week 2 | * Middle ear admittance testing & OAE’s
 |
| Week 3 | * Pure-tone audiometry (air and bone conduction) + ULL’s
 |
| Week 4 | * Pure-tone audiometry with masking (air and bone conduction)
 |
| Week 5 | * **Open lab**
 |
| Week 6 | * **Open lab**
 |
| Week 7 |  **Midterm** |
| Week 8 | * **Open lab**
 |
| Week 9 | * **Open lab**
 |
| Week 10 | * Speech audiometry
 |
| Week 11 | * **Open lab**
 |
| Week 12 | * **Open lab**
 |
| Week 13 | * **Final Exam** (date to be announced)
 |