SLHS 559/659 Clinical Studies –

First Individual Rotation
SLHS University Clinic for Adult Hearing

Description of Course
The purpose of the clinical rotation is to foster basic audiologic assessment and amplification skills as indicated below during a student’s first individual on-campus adult clinical assignment.

Instructor and Contact Information
Preceptor: Aileen Wong, Au.D., CCC-A
Location: Adult Hearing Clinic
Office: Room 434 (office hours by appointment)
Telephone: 520-626-9160
Contact cell phone: 480-268-6420
Email: annw16@email.arizona.edu

Course Objectives and Expected Learning Outcomes
• To establish and maintain responsibility for basic clinic set ups for standard clinical procedures
• To demonstrate preparedness for appointments and completion of patient follow up in a timely manner
• To be professional with clients, co-workers, preceptors, staff and outside agencies
• To become familiar with the procedures of the basic audiologic evaluation and how to communicate the results to patients, significant others, and outside agencies orally and in writing.
• To become familiar with the basic elements of hearing aid selection, including the practical and audiologic implications of various possible choices. Emphasis will be on the physical characteristics of hearing aids and earmolds along with an understanding of patient-centered hearing aid selection.
• To become familiar with various methods of hearing instrument verification and validation.
• To become familiar with various methods of hearing instrument fine tuning, modification and repair.
• To become familiar with hearing assistive technologies (HAT).
• To become familiar with basic principles of audiologic rehabilitation as applied in individual clinic appointments.

Absence and Class Participation Policy
Participating in the clinic is vital to the learning process. As such, attendance is required. As the entire nature of this enrollment is to provide opportunities for clinical experience, attendance is critical. If a student is unable to attend clinic for more than 8 hours (2 half-days) for whatever reason (illness, scheduled travel, etc.), the student’s grade will be reduced by at least 10% (one letter grade). If circumstances warrant it, they may be given an incomplete or provided with a make-up option. Students are expected to notify their clinic instructor at least three weeks in advance of any scheduled absence and prior to 8:00 A.M. by email or cell phone regarding any unscheduled absence due to illness or emergency.

Rev. 6/23/2016
• The UA’s policy concerning Class Attendance, Participation, and Administrative Drops is available at: http://catalog.arizona.edu/policy/class-attendance-participation-and-administrative-drop

• The UA policy regarding absences for any sincerely held religious belief, observance or practice will be accommodated where reasonable, http://policy.arizona.edu/human-resources/religious-accommodation-policy.

• Absences pre-approved by the UA Dean of Students (or Dean Designee) will be honored. See: https://deanofstudents.arizona.edu/absences

Course Requirements

* Clinic Communications: Means by which communication will be conducted include discussion before, after, and during scheduled clinic, and via email. Additional meetings will be scheduled as needed. If any concerns or issues arise, it is expected that you communicate with your clinical instructor in a timely manner.

* Demonstration of skills: Students must demonstrate competence “at expectations” in each of the skill areas listed.

* Report timeliness: Lytec notes should be completed prior to leaving clinic for the day.

* CALIPSO evaluations must be completed at the end of the semester.

Grading

• This is a FIRST YEAR ROTATION, and grading is on that basis. It is not expected that you will do all clinical activities at the level of 100% performance or that you will exhibit independence in clinic 100% of the time. These are emerging skills.

• You will be graded using the CALIPSO grading system which will be discussed at the beginning of the rotation and reviewed with you at the midterm and end of the semester.

• You will have regular meetings with your preceptor but may set up additional appointments as needed.

• Letter grades are awarded depending upon performance on the skill set provided. You may be graded with a +/- by the preceptor as a more accurate representation of your skill development, but the UA only accepts A, B, C, etc. for official grades.

• There will be no re-grading for this course. There is no official final exam for this course.

• If the student is unable to attend clinic for more than 16 hours (4 half-days) for whatever reason (illness, scheduled travel, etc.), the student will be given an incomplete for the course.

• Semester grades:
  o A = Above expectations Demonstrates core level skills and accurate clinical decisions independently by the end of the semester at least 90% of the time and demonstrates a high level of clinical involvement as exhibited by going beyond the regular clinic appointment to seek information. Performs significantly above the level expected for a student of their “level” in the program in nearly every area.
  o B = At expectations: Demonstrates core level skills and accurate clinical decisions independently by the end of the semester at least 80% of the time.
  o C = Below expectations Demonstrates some core level skills but with prompting by the preceptor and is unable to make independent clinical decisions by the end of the semester.

Skills to be Acquired: At the completion of this clinic rotation, students are expected to have exposure to:

CLINICAL PREPARATION:

• Review the Lytec schedule and read the chart notes for the patients to be seen at least 4 business days (preferably 1 week) prior to clinic and again the day before clinic in case of changes. For existing patients – review the hardcopy chart as well.
• Note WHY the patient is being seen, and be prepared to answer the preceptor’s questions about the appointment or to know where to find the information (e.g., When was the patient seen last? What kind of hearing aids does the patient have?).
• If the appointment involves instruments such as hearing aids or earmolds, be sure that the items are in the hearing aid workroom and ready for the patient visit.
• All clinic spaces should be stocked and straightened.
• Do a listening check on the audiometer and check the immittance equipment (*contra probe).
• Maintain a clean working environment and clean up the clinic when you are finished.

**AUDIOLOGIC EVALUATION SKILLS:**

**Audiologic Evaluation**
- Obtain an adult case history with some assistance from preceptor.
- Perform otoscopy and determine degree of occlusion, normal vs. abnormal eardrum and external ear canal.
- Complete a basic audiologic evaluation including pure tone air and bone conduction testing, SRT, word recognition, and Quick-SIN (45 minutes)
- Know WHEN masking is indicated for all types of testing
- Be able to use the Hood Masking procedures in most situations
- Determine the level of masking needed during speech testing
- Complete immittance and acoustic reflex testing in less than 20 minutes, recording the results appropriately.
- Discuss audiometric test results with a patient and comment on the expected impact on communication ability.
- Discuss communication strategies as needed

**HEARING AID AND ALD SKILLS:**

**Hearing Aid and Earmold Selection**
- Discuss with preceptor issues such as appropriate hearing aid style and options
- Know how to perform hearing needs assessment in order to establish listening goals
- Make consistently well-formed ear impressions (4 of 5 usable) by the end of the semester
- Select appropriate slim tube or RIC wire length and dome size
- Complete appropriate paperwork and follow-up
- Have knowledge of the patient journey and be able to counsel the patient on next steps

**Hearing Aid Fitting and Verification**
- Complete ANSI testing, linear and compression, with explanation of each result and ability to judge if the hearing aid is within specifications.
- Complete Hearing aid preparation, "pre-fit" hearing aid, and have basic understanding of how to navigate the hearing aid programming software.
- Complete real ear (procedure): Tube insertion, hearing aid insertion with tube, completing test and making appropriate gain adjustments
- Complete proper paperwork (Purchase Agreement, Medical clearance)

**Hearing Aid Orientation**
Perform hearing aid orientation with little preceptor assistance, including:
- Parts of hearing aid
- Use of hearing aid
- Care of hearing aid
- Insertion and removal
- Counseling re: realistic expectations and acclimatization.

**Earmold Modification:**
- Minimize helix (acrylic and vinyl)
- Shorten canal (acrylic and vinyl)
Troubleshooting:
- Listening check procedure
- Change tubing
- Clean hearing aid
- Identify occluded sound channel
- Change basic parts (wax guards, mic covers, tone hooks)

Validation and Closure (End of Trial)
- Become comfortable with use of at least two outcome measures.

Communication:
- Write chart notes and reports that require only moderate modification.
- Complete CFR (Chart notes, Face sheet update, and Recall appointment) for each patient.
- Begin to develop the ability to speak in a manner that is conducive to communicating with hearing impaired individuals.

Associated Skills:
- Ability to manage a clinical appointment
- Critical Thinking
- Independent Decision Making
- Timeliness (in preparing for clinic time and in responding to clinical communications)
- Appropriate dress and demeanor
- Respectful and appropriate interactions with patients, staff, peers and professors
- Integrity in the workplace
- Taking responsibility for your patients’ care

Classroom Behavior Policy
To foster a positive learning environment, students and instructors have a shared responsibility. We want a safe, welcoming, and inclusive environment where all of us feel comfortable with each other and where we can challenge ourselves to succeed. To that end, our focus is on the tasks at hand and not on extraneous activities (e.g., texting, chatting, reading a newspaper, making phone calls, web surfing, etc.). It is expected that cellphones be turned off or on vibrate during clinic and that they not be used for personal purposes while conducting patient care.

Threatening Behavior Policy
The UA Threatening Behavior by Students Policy prohibits threats of physical harm to any member of the University community, including to oneself. See http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students.

Accessibility and Accommodations
Our goal in this classroom is that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability, please let me know immediately so that we can discuss options. You are also welcome to contact the Disability Resource Center (520-621-3268) to establish reasonable accommodations. For additional information on the Disability Resource Center and reasonable accommodations, please visit http://drc.arizona.edu.

If you have reasonable accommodations, please plan to meet with me by appointment or during office hours to discuss accommodations and how my course requirements and activities may impact your ability to fully participate.

Please be aware that the accessible table and chairs in this room should remain available for students who find that standard classroom seating is not usable.

Code of Academic Integrity
Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercises must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity as described in the UA General Catalog. See: http://deanofstudents.arizona.edu/academic-integrity/students/academic-integrity.

The University Libraries have some excellent tips for avoiding plagiarism, available at http://www.library.arizona.edu/help/tutorials/plagiarism/index.html.

Selling class notes and/or other course materials to other students or to a third party for resale is not permitted without the instructor’s express written consent. Violations to this and other course rules are subject to the Code of Academic Integrity and may result in course sanctions. Additionally, students who use D2L or UA e-mail to sell or buy these copyrighted materials are subject to Code of Conduct Violations for misuse of student e-mail addresses. This conduct may also constitute copyright infringement.

**UA Nondiscrimination and Anti-harassment Policy**

The University is committed to creating and maintaining an environment free of discrimination; see http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy

Our classroom is a place where everyone is encouraged to express well-formed opinions and their reasons for those opinions. We also want to create a tolerant and open environment where such opinions can be expressed without resorting to bullying or discrimination of others.

**Additional Resources for Students**

UA Academic policies and procedures are available at http://catalog.arizona.edu/policies

Student Assistance and Advocacy information is available at http://deanofstudents.arizona.edu/student-assistance/students/student-assistance

**Subject to Change Statement**

Information contained in the course syllabus, other than the grade and absence policy, may be subject to change with advance notice, as deemed appropriate by the instructor.