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Proposal #
(Academic Affairs use only)

s20apss4 Proposal #
(College use only)

REQUEST FOR A NEW COURSE

University of Central Oklahoma

Course Subject (Prefix), Number, and Title:

Course Subject	Recommended Number	Course Title (maximum of 30 characters) *Remember when abbreviating names, this is how they will appear on student's transcripts.
SLP	5xx1	Speech Hearing Science Lab

Course Title: (full title of course if longer than 30 characters)

Speech And Hearing Science Laboratory

For information regarding CIP codes contact your department chair or visit: http://www.uco.edu/academic-affairs/ir/program_inventory.asp

CIP Code: 51.0203 Major 3730

For graduate courses, please attach a syllabus for this course. (See syllabus requirement policy 2.2.)

Course description as it will appear in the appropriate catalog.

Course description only Do not include prerequisites or enrollment restrictions, these should be added under questions 6-12.

(Please use standard American English including full sentences.)

This applied laboratory course is designed to accompany SLP 5112 Speech And Hearing Science

Donna Nigh – Advanced Professional and Special Services

Department submitting the proposal

<u>Linda Sealey</u>	<u>lsealey@uco.edu</u>	<u>5296</u>
Person to contact with questions	email address	Ext. number

Approved by:

Lorene Schiele 7-21-2020
 Department Chairperson Date

Donna Nigh-Kelley 8/18/20
 College Curriculum Committee Chair Date
 (Please notify department chair when proposal is forwarded to dean.)

Donna Nigh 8/18/20
 College Dean Date
 (Please notify the department chair when proposal is forwarded to AA.)

Academic Affairs Curriculum or Graduate Council Date

Office of Academic Affairs Date

Effective term for this new course
(Assigned by the Office of Academic Affairs.)



1. Does this course have an undergraduate / graduate counterpart?
 Yes No
2. Is this proposal part of a larger submission package including a program change?
 Yes No
3. Does this new course affect a teacher preparation program? (All courses required for any teacher preparation program must have approval from the Council on Teacher Education (CTE) before approval from AACC or Graduate Council.)
 Yes No If yes, send copy of proposal to the Education Curriculum Committee Chair, Dr. Darla Fent.
 CTE Approval (Stamp or initial) _____

4. Has this course been previously taught as a common course (4910 seminar, 4960 institute, etc.)?
 Yes No If yes, when was the most recent offering? _____

5. Does this course affect majors or minors outside the department?
 Yes No If yes, provide name(s) of department chair(s) contacted, dates, and results of discussion.

6. Prerequisite courses:
 Example 1: MATH 1213 and (MATH 2165 or MATH 2185) and CHEM 1213 Example 3: 8 hours of biology including BIO 1404
 Example 2: (ACCT 2113 and 2213) and (MGMT 3013 or ISOM 3613)
 none

7. Co-requisite(s): Which of the above prerequisite courses, if any, may be taken in the same semester as the proposed new course?
 none

8. Concurrent enrollment: Courses that must be taken the same semester. Example: lab courses.
 SLP 5112 Speech And Hearing Science

9. Will this course have enrollment restrictions?
 Yes No If No, go to question 13.

10. Specify which major(s) may or may not take this course. Specifying a major, excludes all other majors from enrolling.
 Check one: May May not
 Major Code: 3730

11. Which of the following student classification(s) may enroll in this course?
 Check all that apply:

Graduate	(2) 19 + hours	<input checked="" type="checkbox"/>
Graduate	(1) 0-18 hours	<input checked="" type="checkbox"/>
Post Baccalaureate *		<input type="checkbox"/>
Senior		<input type="checkbox"/>
Junior		<input type="checkbox"/>
Sophomore		<input type="checkbox"/>
Freshman		<input type="checkbox"/>

* Graduate level courses are not open to Post Baccalaureate students.

12. Check or list other restrictions for this course.

Admission to Graduate Programs	<input checked="" type="checkbox"/>
Admission to Nursing Program	<input type="checkbox"/>
Admission to Teacher Education	<input type="checkbox"/>
Other	_____

13. **Course objectives:** Objectives should be observable, measurable and include scholarly or creative activities to meet the course level characteristics. Course objectives should also be in line with the course description. (Please refer to instructional objectives documents at: <http://www.uco.edu/academic-affairs/faculty-staff/aacc.asp#FAQ/Helpful%20Hints>.)
1. The student will use instrumentation to measure physiologic aspects of speech (FAD/KASA/ASHA IV-C & D, OCTPC-SLP(1.)).
 2. The student will demonstrate understanding of neural, muscular, kinematic, and aerodynamic aspects of phonation, resonance, and articulation as measured by instrumentation. (FAD/KASA/ASHA IV- C & D, OCTPC-SLP(1.)).
 3. The student will demonstrate experience in acoustic instrumentation, recording, and analysis equipment and procedures (FAD/KASA/ASHA IV-C & D, OCTPC-SLP(1.)).
 5. The student will use instrumentation to measure acoustic correlates of phonation, resonance, articulation, and prosody (FAD/KASA/ASHA IV-B & C, OCTPC-SLP(1.)).
 6. The student will document experiences in clinical applications of instrumentation evaluation and treatment for people with communication and swallowing disorders (FAD/KASA/ASHA IV-C & D, OCTPC-SLP(1.)).
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Course Detail Information:

14. **Contact Hours (per week)**

Lecture hours (in class)
 Lab hours (also studios)
 Other (outside activities)

15. **Repeatable course.**

Number of times this course can be taken for credit.

16. **Schedule type: (select one only)**

Activity P.E. (A)
 Lab only (B)
 Lecture/Lab (C)
 Lecture only (L)
 Recitation/Lab (R)
 Student Teaching (STU)
 Studio Art/Design (XSU)

17. **List existing course(s) for which this course will be a prerequisite.** Adding a "new course" as a prerequisite to an existing course will likely cause enrollment problems. (Please submit a prerequisite change form for each course for which this course will serve as a prerequisite.)

n/a

18. **What resources, technology or equipment must be acquired to teach this course?** List items, which must be purchased and estimate cost. (Be specific, e.g., technology software, equipment, computer lab; etc.)

The course will use existing classroom space, meeting rooms, equipment, and the Speech Science Lab located in LIB163 which includes nasoendoscope and Kay-Pentax Computerized Speech Lab. Additionally the course will use the Innovation Studio Virtual Lab in the Library.

19. **The UCO Library has the required library resources available for this new course?**

Yes No If yes, provide names of Librarian/Faculty Liaisons contacted, dates, and results of discussion.
Luci Seems, Innovation Studio, 12/11/2019: Innovation Studio has resources to support the

virtual labs.

2/2020 -Jean Longo, Research and Learning Librarian II (responsible for Allied Health Information) and Christine Edwards, Graduate Studies Research & Learning Librarian: results = scholarly resources available.

If no, what additional library resources must be acquired for this new course? List items which must be purchased and estimated cost. (Be specific, e.g., books, magazines, journals, etc.)

20. Names of current faculty qualified to teach this course.

Linda Sealey. Amy Thomas could teach it with some training on the instrumentation.

21. Additional faculty (adjunct or full-time) required and specific competencies required to teach this course:

No additional faculty needed; competency required to teach include advanced knowledge and experience in measurement, science, & physics related to speech, hearing, voice, phonation, respiration, and neuroscience/cognition.

22. How will this course be staffed and equipped? Identify the additional costs associated with this new course. If no costs, explain why not.

This course will be 'staffed' by an SLP faculty member; salary will be covered in full-time faculty I load.

23. Identify the source(s) of funds for any additional costs for the new course. i.e. internal reallocations, special fees from students, etc. If you plan to propose special fees be assessed for this course, be aware there is a separate approval process for special fees.

Internal re-allocation of Department and/or College ORG funds.

24. Projected enrollment for two academic years following approval of new course:

Semester	2021-22	2022-23
Fall	24	24
Spring		
Summer		

25. Using State Regents' definition of liberal arts and sciences (quoted below), characterize the course as follows:

	Non-liberal arts and sciences
x	Liberal arts and sciences

"The liberal arts and sciences are defined as those traditional fields of study in the humanities; social and behavioral sciences; communications; natural and life sciences, mathematics; and the history, literature, and theory of fine arts (music, art, drama, dance). Courses in these fields whose primary purpose is directed toward specific occupational or professional objectives, or courses in the arts which rely substantially on studio or performance work are not considered to be liberal arts and sciences for the purpose of this policy. Courses required for the General Educational Program are not necessarily synonymous or mutually exclusive with the liberal arts and sciences." State Regents Policy and Procedures. Chapter 2, Section 5, "Degree Requirements" part 1. (2). P. II-2-86

26. Please provide a concise, yet comprehensive, statement that explains the reasons for requesting the new course. Include documentation or assessment information supporting the specific request (if possible). Indicate the expected source of student enrollment (majors, minors, programs etc.)

This applied laboratory course is designed to accompany SLP 5112 Speech And Hearing

Science. Two factors necessitate a lab component. First, in the field, both medical and educational, SLPs have increasing access to instrumentation. The UCO SLP program must not only educate our students on the equipment but provide them with hands-on experience so that they are prepared to use the equipment. Additionally, students must be able to understand the findings from instrumental measures and/or use the instruments in treatment.

Second, this applied laboratory course will meet the 2020 Certification:

Standard V-B. The applicant must have completed a program of study that included experiences sufficient in breadth and depth to achieve the following skills outcomes:

1. Evaluation....

c. Select and administer appropriate evaluation procedures, such as behavioral observations, nonstandardized and standardized tests, **and instrumental procedures.**

2. Intervention

c. Select or develop and use appropriate materials **and instrumentation** for prevention and intervention.

27 Which of the six transformative learning tenets does this course incorporate? (check all that apply or only those that apply) This question was a directive from the Provost and is used for informational purposes.

Discipline Knowledge	x
Leadership	x
Research, Scholarly and Creative Activities	_____
Service Learning and Civic Engagement	_____
Global and Cultural Competencies	x
Health and Wellness	x

28. Clearly explain how the characteristics of this course meet or exceed those outlined in Course Level Characteristics. (Copy and paste table from "Course Level Characteristics" document for the appropriate course level of proposed course. Document may be found on: <http://sites.uco.edu/academic-affairs/files/course-level-characteristics-table.doc> .

5000 LEVEL COURSES

Course Level Characteristics	Please describe how this course meets this requirement.
1. It is assumed that students in these courses have acquired the ability to use language effectively, to engage in analytical thought and creative processes, and to use information and bibliographic sources with skill.	This course will challenge students to engage in analytical thought by understanding the instrumentation, analyze outcomes/readings, and apply creative processes. Students will conduct clinical instrumentation, analyze the results, document understanding of the readings/results, use critical thinking to make diagnosis, and engage in the creative process of using instrumentation to inform and conduct remediation.
2. It is assumed that students in these courses have achieved a significant level of maturity in the discipline, evidenced by a considerable background of knowledge.	Content knowledge and skills will be at the graduate level and this course will challenge and develop the student to demonstrate skills with administration of instrumental evaluations and call upon their background knowledge in the field to document understanding the physics underlying the readings.
3. These courses should be more than a mere extension of undergraduate courses. Rather, they should be qualitatively different. At a	As a graduate level lab course the students will learn from professionals in the field who will be invited to demonstrate the use and clinical

<p>minimum:</p> <ul style="list-style-type: none">a. Students should be required to undertake original scholarly/creative activity.b. Students should assume greater responsibility for mastering the subject matter.c. Close working relationships should exist between instructors and students.	<p>application of the instrumentation and equipment. Students will complete pre-lab quizzes independently to demonstrate mastery of background knowledge prior to hands-on experience with the equipment/instruments. Students will work with the instructor and invited professionals in small groups and one-on-one during skills checks in which the student must demonstrate mastery of the skill in using the instrument.</p>
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SLP 5xx1

Speech & Hearing Science LAB

University of Central Oklahoma

College of Education & Professional Studies

Speech-Language Pathology

SLP 5xx1 Spring 2022

Credit Hours - 1

LIB 163 & Arranged.

Dr. Sealey-Holtz - Office: LIB162; Phone 974-5296; lsealey@uco.edu

Office Hours: T/R 8:00a – 9:30a; M 1:00-3:00p

By appointment, call or email

Course Prerequisites: Graduate standing - Permission required

SLP 5xx1 - Speech and Hearing Science Laboratory

This applied laboratory course is designed to accompany SLP 5112 Speech and Hearing Science

This course presents an advanced application of instrumentation used in the physical and physiological aspects of speech production and perception, including analysis of acoustic signals, speech synthesis, and swallow function. Prerequisite(s): Concurrent enrollment in SLP5112 Speech Hearing Science.

UCO Conceptual Framework:

Reflective, Responsive and Resourceful

Preparing outstanding professionals who are reflective, responsive and resourceful throughout their professional careers and belief systems.

Links to source information for the following can be found and referenced in its entirety at <https://www.uco.edu/ceps/files/departments/dnapss/slp/slp-majors-handbook.pdf>

Protocol for Addressing Student Concerns – Handbook pg. 24

UCO/SLP Course Attendance Policy – Appendix A

UCO/SLP Vision, Mission, & Long-term Goals – Appendix B

Source information for the following can be found at the source links listed:

ASHA Scope of Practice - <https://www.asha.org/policy/SP2016-00343/>

ASHA Code of Ethics - <https://www.asha.org/Code-of-Ethics/>

UCO Student Information & Syllabus Attachment - <http://sites.uco.edu/academic-affairs/files/aa-forms/StudentInfoSheet.pdf>

UCO Code of Student Conduct - https://www.uco.edu/offices/student-conduct/forms-and-publications_

TRANSFORMATIVE LEARNING:

At the University of Central Oklahoma, we are guided by the mission of helping students learn by providing transformative experiences so that they may become productive, creative, ethical and engaged citizens and leaders contributing to the intellectual, cultural, economic and social advancement of the communities they serve. Transformative learning is a holistic process that places students at the center of their own active and reflective learning experiences. A student's major field is central to the learning experience and is a vital part of the "Central Six."

All students will be transformed with Discipline Knowledge, Leadership, Problem Solving (Research, Scholarly, and Creative Activities), Service Learning and Civic Engagement, Global and Cultural Competencies, and Health and Wellness. This course addresses the following

Transformative Learning Goals:

Discipline Knowledge by demonstrating a working knowledge of anatomy/physiology of the human body for the production of thought, speech, and movement, and sound production, transmission, and reception associated with speech/language; by demonstrating an understanding of the interaction of human systems in communication.

Leadership, by participation in group projects and discussions.

Problem-Solving by participating in Lab projects/assignments.

Health and Wellness, by demonstrating knowledge and understanding of the impact of health and wellness on basic human function and human function for speech, language, and hearing.

Course Description & Objective

Course Description

Applied clinical laboratory work in speech and hearing instrumentation and measurement. Explores treatment based on scientific and physics principles of speech production and perception. (ASHA III-B and III-C)

Student Learning Objectives:

1. The student will use instrumentation to measure physiologic aspects of speech (FAD/KASA/ASHA IV-C & D, OCTPC-SLP(1.)).
2. The student will demonstrate understanding of neural, muscular, kinematic, and aerodynamic aspects of phonation, resonance, and articulation as measured by instrumentation. (FAD/KASA/ASHA IV- C & D, OCTPC-SLP(1.)).
3. The student will demonstrate experience in acoustic instrumentation, recording, and analysis equipment and procedures (FAD/KASA/ASHA IV-C & D, OCTPC-SLP(1.)).
5. The student will use instrumentation to measure acoustic correlates of phonation, resonance, articulation, and prosody (FAD/KASA/ASHA IV-B & C, OCTPC-SLP(1.)).
6. The student will document experiences in clinical applications of instrumentation evaluation and treatment for people with communication and swallowing disorders (FAD/KASA/ASHA IV-C & D, OCTPC-SLP(1.)).

These learning objectives will be accomplished through demonstrations, “hands-on” activities, and lab activities are designed to be an introduction and establish proficiency in use of instrumentation in speech and hearing evaluation and treatment. You will complete lab reports following the completion of each of your lab activities (addressed below).

Attendance: Class attendance and participation policy: Class attendance is mandatory. Meeting dates will be announced but will typically be on the Monday of the assigned week at 6:00pm or immediately following the Speech & Hearing Science class period, currently Thursday evening at 9:15pm. Open lab schedule for small group sign-up will be made available through D2L. Small group open lab are individual meetings with the instructor and may cover instrumentation, cleaning procedures, assessment of a patient, analysis of readings, etc.

Readings – completed prior to the assigned lecture period: *Speech Science: An Integrated Approach to Theory and Clinical Practice*. Carole T. Ferrand (2018). Pearson.

Students are also responsible for readings assigned in the SLP 5112 Speech and Hearing Science course associated with the Lab course.

Recommended: *Preclinical Speech Science Workbook, 3rd Ed.* Jeannette D. Hoit & Gary Weismer (2020). Plural Publishing.

Pre-class Review: This lab relies on the student having recall of basic speech & hearing mechanism, introductory acoustic phonetics, audiology, and voice production material and knowledge. Prior to each lab the student will complete a pre-lab quiz in D2L to demonstrate mastery of foundational knowledge. The quizzes are available for multiple attempts with the highest score serving as the ‘passing’ score. The student must achieve a score of 80% or higher to be considered ‘passing’. The pre-class quizzes are scored on a Pass/Fail basis. The student must achieve a score of ‘Pass’ on each quiz to complete the course.

Assignments: Lab activities (5) will be assigned throughout the semester. The lab activities must be completed on the given due date. A submitted lab report is the evidence of completion of the lab activity.

‘Lab Report Format & Example’, ‘Lab Report Rubric’, and lab assignments are posted in D2L

Grading: There will be five (5) lab activities as grading opportunities in this course.

250 pts.	5 x 50 pts.	Lab Activities
250 pts.	TOTAL	

Scoring: This course, being a course in the SLP Program, is scored on a scale wherein 92% or higher must be achieved to earn a grade of 'A'. The scale is as follows:

- 'A' = 92%
- 'B' = 82%
- 'C' = 72%
- 'D' = 62%
- 'F' = /< 61%

Student Responsibilities:

- 1.) Students are responsible for all course information provided here and for all changes in this information that may be announced in class and/or posted in D2L.
- 2.) Students are responsible for all material presented in class lectures, handouts, readings, text assignments, and discussion.
- 3.) Students are responsible for being current in assigned readings and assignments.
- 4.) Any evidence of academic dishonesty or misconduct will be handled according to university policies and procedures. All work done in this course shall be completed independently and shall not have been submitted previously in other courses.
- 5.) Make-up exams will not be given.
- 6.) Students are expected to conform to appropriate classroom behavior as addressed in University of Central Oklahoma's Code of Conduct found @ <http://www.uco.edu/student-affairs/conduct/files/codeofconduct.pdf> Your conduct in this class, and others in your major, effectively contributes to your application to be admitted to the Speech-Language Pathology graduate program at UCO or to be recommended by us for employment in our field. Your academic performance is certainly a major consideration in the admission process. In addition, your conduct with regard to punctuality, politeness, cooperation, interpersonal and communication skills and your attention to class lecture and discussion very likely affect our decisions regarding your potential to become a professional in this field.
- 7.) Information concerning important Spring dates, accommodations for students with disabilities and/or ADA student accommodations, Final Exam Daily Limits, weather delay/closing policy, etc., can be found in the Student Information Syllabus Attachment @ <http://www.uco.edu/academic-affairs/files/aa-forms/StudentInfoSheet.pdf>
- 8.) Psychologically Safe Environment: Each student's questions and ideas are valuable and should be respected. It is essential that a safe environment is established to allow each student to question, challenge, and share ideas openly.
- 9.) The Regent's Statement on Course Workload and Homework –OSRHEII-2-34 expects that a full-time college student will spend a minimum of time each week in class attendance and study out of class approaching a 40-hour work week. A person employed on a full-time basis should not simultaneously expect to maintain a full-

time academic schedule. At least two hours of study are expected for every hour in class.

The linked Syllabus Attachment is considered part of this syllabus.

<http://www.uco.edu/academic-affairs/files/aa-forms/StudentInfoSheet.pdf>

Academic Integrity: <http://www.uco.edu/academic-affairs/files/aa-forms/StudentInfoSheet.pdf>

Each student in this course is expected to abide by the University of Central Oklahoma Academic Integrity Policy. Any work submitted by a student in this course for academic credit will be the student's own work.

You are encouraged to study together and to discuss information and concepts covered in lecture with other students. You can give "consulting" help to or receive "consulting" help from such students. However, this permissible cooperation should **never involve copying** or one student having possession of a copy of all or part of work done by someone else, in the form of an email, an email attachment file, a diskette, computer file on any form of memory device, or a hard copy.

Should copying occur, both the student who copied work from another student and the student who gave material to be copied will automatically receive a zero for the assignment. Penalty for violation of the Academic Integrity Policy may include failure of the course and University disciplinary action.

During examinations, you must do your own work. Talking or discussion is not permitted during the examinations. Any unapproved collaborative behavior during the examinations will result in failure of the exam, and may lead to failure of the course and University disciplinary action. If you have a cell phone that rings, buzzes, or receives a text message, etc. during an exam, quiz, or assignment you will receive an immediate 'F' and zero points on the exam, quiz, or assignment.

University of Central Oklahoma is committed to the maintenance of the highest standards of integrity and ethical conduct of its members. This level of ethical behavior and integrity will be maintained in this course. Participating in a behavior that violates academic integrity (e.g., unauthorized collaboration on homework or assignments, plagiarism, multiple submissions of the same assignment, cheating on examinations, fabricating information, helping another person cheat, having unauthorized advance access to examinations, altering or destroying the work of others, and fraudulently altering academic records) will result in your being sanctioned. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination, or course, receiving a notation of a violation of academic integrity on your transcript, and being suspended from the University. You have the right to **appeal the charge**. All work done in this course shall be completed independently and shall not have been submitted previously in other courses.

Contact the Office of Academic Affairs. Review the policy @ <https://www.uco.edu/student-affairs/conduct/forms-and-publications/index.asp>. All University of Central Oklahoma students are expected to conduct themselves with the utmost integrity and civility. The University of Central Oklahoma does not tolerate dishonesty such as cheating, violating

the integrity of examinations, plagiarism, or knowingly furnishing false information to university faculty or staff. In addition, harassment, forgery, alteration, damage or misuse of official university documents, records, or identification cards is strictly prohibited. NOTE: Violation of these expectations, as specified in sections III, IV, and V, may result in penalties up to and / or including expulsion from the University.

Accommodations for Students with disabilities:

Students are encouraged to register with Student Disability Services to verify their eligibility for appropriate accommodations. Please review the Student Information Syllabus Attachment @ <http://www.uco.edu/academic-affairs/files/aa-forms/StudentInfoSheet.pdf>

Accommodation of Needs: UCO complies with Section 504 of the Rehabilitation Act of 1973 and the American with Disabilities Act of 1990. Students with disabilities who need special accommodations must make their requests by contacting Disability Support Services at (405) 974-2516, located in the Nigh Univ. Center, Rm 309. Students should also notify the instructor of special accommodation needs by the end of the first week of class.

Course Schedule: (Subject to change upon announcement in class or on D2L)

SLP 5xx1	SPEECH & HEARING SCIENCE LAB	
Week 1	Virtual Lab Introduction – Library Speech Science Lab Introduction – LIB 163 Syllabus The Nature of Sound	VIP: For each lab using the Virtual Reality Lab in the Library, you must make an appointment for use of the virtual reality lab two weeks in advance.
Week 3	The Respiratory System	Lab #1 – due ASHA IV-B, C, & D
Week 6	The Phonatory System	Lab #2 due ASHA IV-B, C, & D
Week 10	The Articulatory / Resonatory System	Lab #3 due

		ASHA IV-B, C, & D
Week 14	The Nervous System	Lab #4 due ASHA IV-B, C, & D
Week 16		Lab #5 due ASHA IV-B, C, & D