

Term Information

Effective Term Summer 2025

General Information

Course Bulletin Listing/Subject Area Speech and Hearing Science
Fiscal Unit/Academic Org Speech & Hearing - D0799
College/Academic Group Arts and Sciences
Level/Career Graduate
Course Number/Catalog 6566
Course Title Instrumental Voice and Swallowing
Transcript Abbreviation Inst voice swallow
Course Description The purpose of this course is to learn instrumental methods for the evaluation and treatment of voice and swallow disorders in the practice of speech language pathology.
Semester Credit Hours/Units Fixed: 2

Offering Information

Length Of Course 14 Week
Flexibly Scheduled Course Never
Does any section of this course have a distance education component? No
Grading Basis Satisfactory/Unsatisfactory
Repeatable No
Course Components Lecture
Grade Roster Component Lecture
Credit Available by Exam No
Admission Condition Course No
Off Campus Never
Campus of Offering Columbus

Prerequisites and Exclusions

Prerequisites/Corequisites 6764
Exclusions n/a
Electronically Enforced Yes

Cross-Listings

Cross-Listings none

Subject/CIP Code

Subject/CIP Code 51.0202
Subsidy Level Doctoral Course
Intended Rank Masters, Doctoral

Requirement/Elective Designation

The course is an elective (for this or other units) or is a service course for other units

Course Details

Course goals or learning objectives/outcomes

- 1. recognize and utilize different visual perspectives to integrate the same information related to the anatomy and physiology of voice and swallowing.
- 2. appreciate the use of instrumentation to supplement clinical evaluation and treatment of voice and swallowing disorders.
- 3. understand the value of a team approach to assess and treat voice and swallowing disorders.

Content Topic List

- swallowing disorders
- anatomy and physiology of voice and swallow
- voice disorders
- treatment of voice and swallowing

Sought Concurrence

No

Attachments

- PROPOSED Instrumental Voice and Swallowing Syllabus.docx: new syllabus
(Syllabus. Owner: Brello, Jennifer)
- PROPOSED Instrumental Voice and Swallowing Syllabus.docx: syllabus with changes per feedback 9/18
(Syllabus. Owner: Brello, Jennifer)

Comments

- Please see Subcommittee feedback email sent 09/18/2024. *(by Hilty, Michael on 09/18/2024 03:48 PM)*

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Brello, Jennifer	09/03/2024 11:44 AM	Submitted for Approval
Approved	Bielefeld, Eric Charles	09/03/2024 11:47 AM	Unit Approval
Approved	Vankeerbergen, Bernadette Chantal	09/04/2024 09:46 AM	College Approval
Revision Requested	Hilty, Michael	09/18/2024 03:48 PM	ASCCAO Approval
Submitted	Brello, Jennifer	09/26/2024 10:40 AM	Submitted for Approval
Approved	Bielefeld, Eric Charles	09/26/2024 12:10 PM	Unit Approval
Approved	Vankeerbergen, Bernadette Chantal	10/01/2024 03:52 PM	College Approval
Pending Approval	Jenkins, Mary Ellen Bigler Hanlin, Deborah Kay Hilty, Michael Neff, Jennifer Vankeerbergen, Bernadette Chantal Steele, Rachel Lea	10/01/2024 03:52 PM	ASCCAO Approval



**INSTRUMENTAL ASSESSMENT OF VOICE AND SWALLOWING
SPHHRNG 6566 (2.0 Credits)
Course Syllabus**

Instructors: Michelle Soummers, MA, CCC-SLP
Nicole Wiksten, MS, CCC-SLP, BCS-S

Email: michelle.soummers@osumc.edu
wiksten.1@osu.edu

Office Hours: by appointment

Time: Thursdays, 5:15-7:15

Location: TBD

Format: Lecture

Credit Hours: 2.0

Class Website: Carmen

COURSE PURPOSE

The purpose of this course is to learn instrumental methods for the evaluation and treatment of voice and swallow disorders in the practice of speech language pathology.

PREREQUISITES:

SPHHRG 6764

GOALS - Related to 2020 ASHA Standards IV-C-G

Students will be able to:

1. recognize and utilize different visual perspectives to integrate the same information related to the anatomy and physiology of voice and swallowing.
2. appreciate the use of instrumentation to supplement clinical evaluation and treatment of voice and swallowing disorders.
3. understand the value of a team approach to assess and treat voice and swallowing disorders.

LEARNING OUTCOMES

Students will be able to:

1. precisely identify normal and disordered anatomy and physiology for voice and swallowing as visualized in clinical and instrumental examination.
2. compare and contrast capabilities of clinical and instrumental examination.
3. relate the signs/symptoms of changes in the disordered voice or swallow to the physiologic rationale for them.
4. determine a treatment plan for voice or swallowing based on instrumental evaluation.

COURSE REQUIREMENTS AND GRADING

MATERIALS

Required:

- *“Laryngeal Examinations and Visualizations”* Chapter 8 The Performer’s Voice written by Peak Woo, MD, Michael Benninger, MD, Thomas Murry, PhD. Publisher: Plural Publishing Inc, San Diego 2006. (copy provided by professor by email or first day of class)



- Research articles will be required weekly and made available to registrants in the course Carmen site.
- MBSImP Access
 - Navigate to NorthernSpeech.com
 - Click the University Access link
 - Select Ohio State in the drop-down menu and enter access code OSU116
 - Among the available courses, you'll see Course #e95, which is the student MBSImP Training course (\$79)
 - For enrollment and tech support, email tom@northernspeech.com

Recommended:

- Martin-Harris, B. (2015). Standardized Training in Swallowing Physiology: Evidence-based Assessment Using the Modified Barium Swallow Impairment Profile (MBSImP) Approach. Northern Speech Services.

ACTIVITIES

Article review and presentation (20 points)

Group presentation on an article related to the class topic (10 minutes)	20 points
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Participation in lab (140 points)

Attendance and active participation	10 points per class x 14 classes
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MBS reports (70 points)

Report generation for cases reviewed in class	10 points each x 7 reports
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Endoscopy case reports (70 points)

Report generation for cases reviewed in class	10 points each x 7 reports
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Total (300 pts)

GRADING CALCULATION

Pass	100-80%	260-238 points
Fail	79-0%	237-0 points

SCHEDULE OF LECTURES AND ASSIGNMENTS

WK	TOPIC	PREP WORK	GRADED WORK	LEARNING OUTCOMES
1	History of Endoscopy, Clinic Tour, Article 1 (professor), Equipment Introduction	Chapter 8 Reading (pp # count)	Scoping Lab 1	1-4
2	Normal Anatomy and Basics of Scoping Flexible Scoping-Do's and Don'ts	Article preparation (pp # count)	Article presentation + Scoping Lab 2	1-4



3	Rigid Scoping 101 and Singing with the Scope	Article preparation (pp # count)	Article Presentation, Case Log, Scoping Lab 3	1-4
4	How to Interpret VLS	Article preparation (pp # count)	Article Presentation, Case Log, Scoping Lab 4	1-4
5	Pathology and The Airway	Article preparation (pp # count)	Article Presentation, Case Log, Scoping Lab 5	1-4
6	Basics of Swallowing-FEES	Article preparation (pp # count)	Article Presentation, Case Log, Scoping Lab 6, <i>Hand in Case Log after class completed</i>	1-4
7	Comparison of FEES and MBS	Article review (pp # count)	None	1-2
8	MBSImP calibration, review of assessment with MBS	Review MBSImP protocol and ratings	None	1
9	Best practices and interdisciplinary collaboration	Article and case review (pp # count)	Article presentation and MBS report 1	1-4
10	Imaging and radiation	Article and case review (pp # count)	Article presentation and MBS report 2	1-4
11	Quantitative versus qualitative data	Article and case review (pp # count)	Article presentation and MBS report 3	1-4
12	Determining severity of swallow impairment using MBS	Article and case review (pp # count)	Article presentation and MBS report 4	1-4
13	Compensatory and rehab techniques during MBS	Article and case review (pp # count)	Article presentation and MBS report 5	1-4
14	MBS in special populations	Article and case review (pp # count)	Article presentation and MBS report 5	1-4
15	NO CLASS - Thanksgiving			
16	Finals			

CLASS POLICIES



1. Late assignments will not be accepted for full credit without prior permission from the instructor. Late assignments will result in an automatic 50% reduction in credit prior to the assessment of content.
2. Quizzes and tests must be completed by the due date/time except with prior permission from the instructor.
3. Just as you expect that your instructor is in class, ready to begin at the beginning of the class period, it is expected that you are present and ready to begin at starting time. Regular attendance is expected.

Attendance and Participation Policy:

It is expected that you will attend every class in person to learn the content, actively engage with the material, and participate in class discussions and labs. If you are unable to attend class in person due to illness, notify the instructor prior to the start of class via email. Penalties apply to unexcused absences and excessive (**2 or more late arrivals**). Final course grades will be reduced 1% for each unexcused absence or excessive late arrivals (**upon 2nd late arrival and another 1% for each thereafter**). Only deaths and illnesses will be excused. For every unexcused absence, you will turn in a 300–400-word reflection integrating the content of the lecture and readings for the missed lecture. This is due one week after the missed class. All faculty will keep attendance records. Arriving to class late is disruptive to the learning environment and is unprofessional. It is up to the discretion of the course instructor to define 'excessive.' Consult with your course instructor if you have extenuating circumstances.

Disability Accommodations

The university strives to maintain a healthy and accessible environment to support student learning in and out of the classroom. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion.

If you are ill and need to miss class, including if you are staying home and away from others while experiencing symptoms of a viral infection or fever, please let me know immediately. In cases where illness interacts with an underlying medical condition, please consult with Student Life Disability Services to request reasonable accommodations. You can connect with them at slds@osu.edu; 614-292-3307; or slds.osu.edu.

Academic Misconduct:



It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee ([Faculty Rule 3335-5-48.7 \(B\)](#)). For additional information, see the [Code of Student Conduct](#).

Commitment to a Diverse and Inclusive Learning Environment

The Ohio State University affirms the importance and value of diversity in the student body. Our programs and curricula reflect our multicultural society and global economy and seek to provide opportunities for students to learn more about persons who are different from them. We are committed to maintaining a community that recognizes and values the inherent worth and dignity of every person; fosters sensitivity, understanding, and mutual respect among each member of our community; and encourages each individual to strive to reach his or her own potential. Discrimination against any individual based upon protected status, which is defined as age, color, disability, gender identity or expression, national origin, race, religion, sex, sexual orientation, or veteran status, is prohibited.

PLEASE TAKE CARE OF YOURSELF (Mental Health Statement): As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student’s ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life’s Counseling and Consultation Service (CCS) by visiting ccs.osu.edu or calling [614-292-5766](tel:614-292-5766). CCS is located on the 4th Floor of the Younkun Success Center and 10th Floor of Lincoln Tower. You can reach an on call counselor when CCS is closed at [614-292-5766](tel:614-292-5766) and 24 hour emergency help is also available 24/7 by dialing **988 to reach the Suicide and Crisis Lifeline**.

Statement on Title IX

Title IX makes it clear that violence and harassment based on sex and gender are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories (e.g., race). If you or someone you know has been sexually harassed or assaulted, you may find the appropriate resources at <http://titleix.osu.edu> or by contacting the Ohio State Title IX Coordinator at titleix@osu.edu.

Religious Accommodations

Ohio State has had a longstanding practice of making reasonable academic accommodations for students' religious beliefs and practices in accordance with applicable law. In 2023, Ohio State updated its practice to align with new state legislation. Under this new provision, students must be in early communication with their instructors regarding any known accommodation requests for religious beliefs and practices, providing notice of specific dates for which they request alternative accommodations within 14 days after the first instructional day of the course. Instructors in turn shall not question the sincerity of a student's



religious or spiritual belief system in reviewing such requests and shall keep requests for accommodations confidential.

With sufficient notice, instructors will provide students with reasonable alternative accommodations with regard to examinations and other academic requirements with respect to students' sincerely held religious beliefs and practices by allowing up to three absences each semester for the student to attend or participate in religious activities. Examples of religious accommodations can include, but are not limited to, rescheduling an exam, altering the time of a student's presentation, allowing make-up assignments to substitute for missed class work, or flexibility in due dates or research responsibilities. If concerns arise about a requested accommodation, instructors are to consult their tenure initiating unit head for assistance. A student's request for time off shall be provided if the student's sincerely held religious belief or practice severely affects the student's ability to take an exam or meet an academic requirement and the student has notified their instructor, in writing during the first 14 days after the course begins, of the date of each absence. Although students are required to provide notice within the first 14 days after a course begins, instructors are strongly encouraged to work with the student to provide a reasonable accommodation if a request is made outside the notice period. A student may not be penalized for an absence approved under this policy.

If students have questions or disputes related to academic accommodations, they should contact their course instructor, and then their department or college office. For questions or to report discrimination or harassment based on religion, individuals should contact the [Office of Institutional Equity](#).

Policy: [Religious Holidays, Holy Days and Observances](#)

Land Acknowledgement

We would like to acknowledge the land that The Ohio State University occupies is the ancestral and contemporary territory of the Shawnee, Potawatomi, Delaware, Miami, Peoria, Seneca, Wyandotte, Ojibwe and many other Indigenous peoples. Specifically, the university resides on land ceded in the 1795 Treaty of Greenville and the forced removal of tribes through the Indian Removal Act of 1830. As a land grant institution, we want to honor the resiliency of these tribal nations and recognize the historical contexts that has and continues to affect the Indigenous peoples of this land.