

Eastern Illinois University
REVISED COURSE PROPOSAL FORMAT

Please check one: ☒ New course ☐ Revised course

PART I: CATALOG DESCRIPTION

1. **Course prefix and number:** **CDS 5170** [replacing CDS 4760]
2. **Title: Voice Production and Disorders**
2. **Long title, if any:**
3. **Class hours per week, lab hours per week, and credit:** **3-0-3**
4. **Term(s) to be offered:** ☒ Fall ☐ Spring ☐ Summer ☐ On demand
5. **Initial term of offering:** ☒ Fall ☐ Spring ☐ Summer **Year:** ☐ 2014
6. **Course description:** Study of the normal physiologic process of voice production and resonance and the etiologic bases of voice disorders. Assessment procedures including instrumentation for examination and interpretation of laryngeal structure and function for the purpose of differential diagnosis will be included. Development of treatment plans based on etiology will be addressed.
7. **Registration restrictions:**
 - a. **Equivalent Courses**
 - **Identify any equivalent courses:** None
 - Indicate whether coding should be added to Banner to restrict students from registering for the equivalent course(s) of this course. ☐ Yes ☐ No
 - b. **Prerequisite(s)**
 - **Identify the prerequisite(s):** Graduate degree seeking status in Communication Disorders & Sciences
 - Indicate whether coding should be added to Banner to prevent students from registering for this course if they haven't successfully completed the prerequisite course(s). ☐ Yes ☒ No

If yes, identify the minimum grade requirement and any equivalent courses for each prerequisite course:
 - c. **Who can waive the prerequisite(s)?**
☐ No one ☒ Chair ☐ Instructor ☐ Advisor ☐ Other (Please specify)
 - d. **Co-requisites** (course(s) which MUST be taken concurrently with this one): None
 - e. **Repeat status:** ☒ Course may not be repeated.
 ☐ Course may be repeated once with credit.

Please also specify the limit (if any) on hours which may be applied to a major or minor.
 - f. **Degree, college, major(s), level, or class** to which registration in the course is restricted, if any:

Course is restricted to students accepted into the Master of Science degree in the College of Sciences, majoring in Communication Disorders & Sciences at the graduate level.

g. Degree, college, major(s), level, or class to be excluded from the course, if any:

Undergraduates and non-CDS majors

8. Special course attributes: None

9. Grading methods (check all that apply): ☒ Standard letter ☐ CR/NC ☐ Audit ☐ ABC/NC
("Standard letter"—i.e., ABCDF—is assumed to be the default grading method unless the course description indicates otherwise.)

Please check any special grading provision that applies to this course:

☐ The grade for this course will not count in a student's grade point average.

☐ The credit for this course will not count in hours towards graduation.

If the student already has credit for or is registered in an equivalent or mutually exclusive course, check any that apply:

☐ The grade for this course will be removed from the student's grade point average if he/she already has credit for or is registered in _____ (insert course prefix and number).

☐ Credit hours for this course will be removed from a student's hours towards graduation if he/she already has credit for or is registered in _____ (insert course prefix and number).

10. Instructional delivery method: (Check all that apply.)

☒ lecture ☐ lab ☐ lecture/lab combined ☐ independent study/research
☐ internship ☐ performance ☐ practicum or clinical ☐ study abroad
☒ Internet ☐ hybrid ☐ other (Please specify)

PART II: ASSURANCE OF STUDENT LEARNING

1. List the student learning objectives of this course:

1. Students will discuss the normal physiology of voice production and resonance.
2. Students will compare and contrast the structural and functional differences of voice changes across the lifespan.
3. Students will analyze voice and resonance disorders for classifying as structural, idiopathic, or neurologic.
4. Students will interpret the signs and symptoms of disorders for the purpose of differential diagnosis.
5. Students will demonstrate the appropriate use of instrumentation to examine laryngeal structure and function.
6. Students will evaluate the appropriateness of voice treatment techniques for application to voice

disorders based on classification.

b. If this is a graduate-level course, indicate which objectives are designed to help students achieve established goals for learning at the graduate level:

- **Depth of content knowledge:** 1, 2, 3, 4, 5, 6
- **Effective critical thinking and problem solving:** 2, 3, 4, 6
- **Effective oral and written communication:** 1, 2, 4
- **Advanced scholarship through research or creative activity:** 4,6

2. Identify the assignments/activities the instructor will use to determine how well students attained the learning objectives:

Course Learning Objectives	Exams (4)	Quizzes (12)	Voice Eval Project
Students will discuss the normal physiology of voice production and resonance.	X	X	
Students will compare and contrast the structural and functional differences of voice changes across the lifespan .	X	X	X
Students will analyze voice and resonance disorders for classifying as structural, idiopathic, or neurologic.	X	X	X
Students will interpret the signs and symptoms of disorders for the purpose of differential diagnosis.	X	X	X
Students will demonstrate the appropriate use of instrumentation to examine laryngeal structure and function.			X
Students will evaluate the appropriateness of voice treatment techniques for application to voice disorders based on classification.	X		X

3. Explain how the instructor will determine students' grades for the course:

Exam 1	100 pts		<u>Grading Scale</u>
Exam 2	100 pts	A = 92%	478-520 pts.
Exam 3	100 pts	B = 84%	436-477 pts.
Final Exam	110 pts	C = 76%	395-425 pts.
Quizzes	60 pts	D = 68%	353-394 pts.
Voice Evaluation	50 pts	F = <68%	<353 pts.
Total Points Available	520 pts		

4. For technology-delivered and other nontraditional-delivered courses/sections, address the following:

- a. Describe how the format/technology will be used to support and assess students' achievement of the specified learning objectives:** Students will be able to view class video recorded lectures at their convenience and submit projects electronically. Feedback will be provided through email,

online course management system and online discussion sessions. Office hours for online distance education students will be provided.

- b. Describe how the integrity of student work will be assured:** Exams and quizzes will be administered with a time limit. Students will need to log into the online course management system using network passwords.
- c. Describe provisions for and requirements of instructor-student and student-student interaction, including the kinds of technologies that will be used to support the interaction (e.g., e-mail, web-based discussions, computer conferences, etc.):** Students will be required to listen to pre-recorded lectures posted in the online course management system, submit documents electronically, and post/discuss class content using the online course management system and a web conferencing program. Quizzes and exams will be administered via the online course management system.

5. For courses numbered 4750-4999: N/A

- 6. If applicable, indicate whether this course is writing-active, writing-intensive, or writing-centered, and describe how the course satisfies the criteria for the type of writing course identified.**
N/A

PART III: OUTLINE OF THE COURSE

Class meetings will be 2 times per week for 75 minutes for 15 weeks or the equivalent.

Weeks 1-2

Normal aspects of voice production and resonance

Review of neuroanatomy of voice production

Review of theories of voice production

Physiology of voice production

Normal voice development

Week 3

Classification of voice disorders

Organic/structural classification

Neurogenic classification

Psychogenic/idiopathic classification

Functional classification

Exam 1

Week 4

Evaluation and diagnosis of voice disorders and resonance

Screening for voice disorders

Medical evaluation of voice disorders

Assessment, evaluation, and diagnosis of voice disorders by the speech-language pathologist

Case history

Observation of the client

Week 5

Evaluation and diagnosis of voice disorders and resonance cont.

Assessment of respiration, frequency, intensity, quality/resonance

Voice rating scales
Voice evaluation instrumentation

Week 6

General voice therapy outline
Boone's voice facilitating techniques
Exam 2

Weeks 7-8

Specific procedures for voice therapy
Pitch/frequency
Quality
Intensity/loudness
Resonance

Weeks 9-10

Description and treatment of cleft palate and other resonance disorders
Surgical procedures
Prosthetic management
Voice/speech therapy

Week 11

Description and treatment of specific voice disorders
Vocal nodules
Vocal polyps
Papilloma, granuloma, hemangioma
Laryngeal web
Contact ulcers/granuloma
Vocal fold paralysis

Week 12

Exam 3
Description and treatment of specific voice disorders
Spasmodic dysphonia
Psychogenic dysphonia/aphonia
Transgender voice modification

Week 13

Laryngeal cancer
Medical treatment of laryngeal cancer
Evaluation of laryngectomy
Counseling laryngectomy, family

Week 14

Remediation of laryngectomized patient
Esophageal speech
Artificial larynxes
Tracheo-esophageal puncture devices

Week 15

Management of the professional voice

The aging voice

Week 16

Final exam

The technology delivered aspects of this course will be equivalent to the traditional on-campus hour units with both being offered in the same semester allowing lectures to be video recorded and posted to the online course management system for the online distance education students to view prior to the web conference discussions.

PART IV: PURPOSE AND NEED

1. Explain the department's rationale for developing and proposing the course.

The course was formerly CDS 4760 and is being moved to the graduate level to be consistent with other CDS graduate training programs across the country. One section of the course can be technology-delivered to accommodate students in the CDS Distance Master's Program.

2. Justify the level of the course and any course prerequisites, co-requisites, or registration restrictions.

Content requires previous knowledge of neuroanatomy, theories of voice production, and knowledge of evaluation and treatment principles related to communication disorders.

3. If the course is similar to an existing course or courses, justify its development and offering.

CDS 4760 will be eliminated and replaced by this course.

4. Impact on Program(s):

Course is a core requirement for all candidates in the Master of Science degree program majoring in Communication Disorders & Sciences.

PART V: IMPLEMENTATION

1. Faculty member(s) to whom the course may be assigned:

This course will be initially assigned to Frank Goldacker or other qualified faculty.

2. Additional costs to students: N/A

3. Text and supplementary materials to be used (Include publication dates):

Boone, D.R., McFarlane, S.C., Von Berg, S.L., & Zraick, R.I. (2010). *The voice and voice therapy*. Boston: Allyn & Bacon.

Supplemental/additional materials will be made available electronically.

PART VI: COMMUNITY COLLEGE TRANSFER

If the proposed course is a 1000- or 2000-level course, state either, "A community college course may be judged equivalent to this course" OR "A community college course will not be judged equivalent to this course." A community college course will not be judged equivalent to a 3000- or 4000-level course but may be accepted as a substitute; however, upper-division credit will not be awarded.

PART VII: APPROVALS

Date approved by the department or school: August 13, 2013

Date approved by the college curriculum committee: August 30, 2013

Date approved by the Honors Council (*if this is an honors course*): N/A

Date approved by CAA: N/A CGS: