

Science and Pedagogy of Singing

MUAG 4300

Fall, 2009

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TTR from 9:30-10:50 a.m. in Rm 289

Purpose of the Course:

To familiarize the student of voice with basic anatomy and physiology of the respiratory, articulatory and phonatory systems of the human body. They will also learn basic principles concerning the function of these systems to produce artistic 'voice'. Fundamental principles of voice training will be addressed using historical methods from the 19th century. Students will learn the basics of voice care and become familiar with common vocal disorders.

Resources:

Required Text:

Your Voice: An Inside View. Multi-media Voice Science and Pedagogy. Required. It is among the first pedagogical works to make extensive use of audio, video and high-resolution photographic examples in support of the text. This is a new resource on CD. Depending on the version you purchase, the program will either run directly from a CD-ROM or will be installed on the hard drive of your personal computer.

To purchase: Local book stores, or you can go directly to their website, www.voiceinsideview.com, and order the student version (printed textbook + computer program). Orders received through the web are processed immediately and shipped priority mail.

Required materials:

CD: Vocal Exercises – The Ultimate Collection.

Contains 19th century vocal methods that we will utilize in class. This will be available in the campus bookstore next week or you can order directly from CDsheetmusic.com.

Modeling clay (suggestion - Demco Modeling Clay - around \$2.00)

Grading:

Your final grade will be determined in the following way:

Grades on four exams with the following weighting:

Exam 1	15%
Mid-term	20%
Exam 3	15%
Final	20%

Other projects:

Article reviews*	10%
Clay models/ID	10%
Exercise exams	10%

Letter grades will be assigned as follows:

90-100	A	60-70	D
80-89	B	< 60	F
70-79	C		

Attendance Policy:

Your attendance is required for this class. After 2 **un-excused absences**, I will deduct 3 points for each absence from your final grade. **DO NOT FORGET: AS A MAJOR YOU MUST MAKE AT LEAST A B IN THIS COURSE!**

Article Reviews:

The Journal of the National Association of Teachers of Singing has been published since the beginning of the organization in 1944. It has been known as the *NATS Bulletin* and now the *Journal of Singing*. I want you to locate the Journal and find four articles on each of the following topics: 1) historical Interest, 2) pedagogical application, 3) a scientific article, and 4) an article dealing with the performance or interpretation of a group of songs, or song cycle. Make a copy of the article and write a brief review of it. Reviews should be no less than one typed page, double-spaced with 12 font, and no more than two pages.

- **No two articles can be from the same decade**
- **Reviewed articles must be at least 3 full pages to be eligible to fulfill this requirement**
- **Ineligible articles include:**
 - Ingo Titze's column: Voice Research**
 - Robert Sataloff's column: Care of the Professional Voice**
 - Richard Miller's column: Sotto voce**

Class schedule:

The course will in general follow the organization of the text and supporting materials.

Aug. 27	Intro.
Sept. 1	Ch. 1 - Listening
Sept. 3	Ch. 2 - The Nature of Sound
Sept. 8	Ch. 2
Sept. 10	Ch. 3 - Vocal Resonance
Sept. 15	Ch. 3
Sept. 17	Ch. 4 - Source/Filter Theory of Voice Production
*Sept. 22	Ch. 4 - <i>Review Article #1 due</i>
Sept. 24	Ch. 4
Sept. 29	Test 1
Oct. 1	Ch. 5 - Voice Analysis
Oct. 6	Ch. 5
Oct. 8	Ch. 7 & 8 - Anatomy for Singing, Breathing for Singing
Oct. 13	Ch. 7 & 8
Oct. 15	Mid Term - Cumulative
Oct. 20	Ch. 9 - Phonation
Oct. 22	Ch. 9 - <i>Review Article #2 due</i>
Oct. 27	Ch. 9
Oct. 29	Ch. 6 - Voice Registers
*Nov. 3	Ch. 6 - Clay larynx models due
Nov. 5	Ch. 6 - NATS weekend, Opera production
Nov. 10	Test #3
Nov. 12	Ch. 10 - Articulatory Anatomy
*Nov. 17	Ch. 10 - <i>Review Article #3 due</i>
Nov. 19	Ch. 10
Nov. 24	Ch. 11 - The Ear and Hearing
Nov. 26	Thanksgiving Holiday
Dec. 1	Ch. 11
*Dec. 3	Ch. 12 - Vocal Health <i>Review Article #4 due</i>
Dec. 8	Open topic
Dec 10	Open topic
Dec 17	Thursday Final: 8-10 a.m.

In addition: Every day will begin with assigned vocalizes from the Vocal Exercises CD. We will follow the flow of your text with incidental inclusions along the way. You must come to class!