

The University of Akron  
College of Fine and Applied Arts  
School of Music  
**Measurement & Evaluation in Music Education**  
7500:614:080  
Spring 2008  
T 5:30 - 8:20 PM  
Room 254 Guzzetta Hall  
Dr. Laurie Lafferty, Instructor  
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Office (Room 254)  
<http://gozips.uakron.edu/~laffert/>

## Syllabus

### Course Description

This course will be a study of measurement and evaluation techniques for measuring music achievement, music performance, music aptitude, and music preference. Emphasis will be on developing and analyzing teacher made tests for music achievement and music performance. Standardized music achievement tests will also be considered.

### Objectives:

Students will:

- 1) Understand the philosophy of testing and the need for systematic evaluation.
- 2) Develop a systematic approach to evaluation and gain understanding of the philosophical foundations of various reporting systems.
- 3) Develop analytical skills and understanding to be used in intelligent applications of tests for specific needs.
- 4) Develop, administer, and analyze teacher-made tests in achievement and performance.
- 5) Be able to analyze and evaluate available standardized music tests.
- 6) Develop techniques for determining reliability and validity in testing.
- 7) Learn computational formulae for statistics involved in tests and measurement: range, mode, median, mean, standard deviation, variance, Spearman rank-order correlation coefficient, Pearson product-moment correlation coefficient, Fischer's Z-transformation, Spearman-Brown prophecy formula.
- 8) Be able to analyze and interpret test results.

### Student Ethics And Other Policy Information

For information about The University of Akron's policies regarding student ethics and conduct, please consult the following sources: <http://www3.uakron.edu/gradsch/gradbull.html>, then select "General Information" (academic honesty); or [www.uakron.edu/studdev/conduct.html](http://www.uakron.edu/studdev/conduct.html) (Student Code of Conduct). Any student who feels she/he may need an accommodation based on the impact of a disability please consult [www.uakron.edu/access](http://www.uakron.edu/access) and the Office of Accessibility at (330) 972-7928.

## Required Text

Boyle, J.D., & Radocy, R.E. (1987). *Measurement and evaluation of musical experiences*.  
New York: Schirmer Books

## Course Requirements:

Tests and Exams.....	50%
Test # 1.....	20%
Test # 2.....	20%
Final Exam.....	10%
Statistical Calculations.....	10%
Evaluation Projects.....	40%
Teacher-made achievement test.....	10%
Revision and analysis of achievement test...	15%
Teacher-made performance tests.....	15%

All assignments will be graded on the following scale:

A	90 – 100	(A+ = 99 - 100)	(A = 93 - 98)	(A- = 90 - 92)
B	80 - 89	(B+ = 88 - 89)	(B = 83 - 87)	(B- = 80 - 82)
C	70 - 79	(C+ = 78 - 79)	(C = 73 - 77)	(C- = 70 - 72)
D	60 - 69	(D+ = 68 - 69)	(D = 63 - 67)	(D- = 60 - 62)
F	59 and below			

- As a graduate student (and many of you are full time teachers), it is understood that there may be reasons for excused absences. These absences will not affect your grade. However, it is the responsibility of each student (not the instructor) to get notes, handouts, etc. from classes missed.
- Class assignments are due on the day assigned. Late assignments will be reduced one letter grade for each day the assignment is late. If you must be absent, assignments are due as assigned. Assignments may be faxed; however, no email assignments will be accepted.
- All assignments should be placed in a manila folder with your name clearly marked on the outside of the folder. Do not staple papers in the folder.
- All assignments must be word-processed. Formulas and statistical calculations may be written by hand but must be included with the text.
- In order to work on the computers in the computer lab you will need to get your UANET ID activated. You can do that in Room 69 of Bierce Library or contact the Help Desk: Phone: 330-972-6888 Email: [tlsc@uakron.edu](mailto:tlsc@uakron.edu)
- If you are not using your Akron email, your Akron email can be forwarded to your account by going to <http://gozips.uakron.edu/~laffert/> and clicking on email management for instructions.
- You will need access to Microsoft Excel.
- You will need a calculator that computes square roots.

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**Measurement & Evaluation in Music Education**  
**Spring 2008**  
**Proposed Class Schedule and Due Dates**  
(Subject to change)

**WEEK 1 - Tuesday, January 15**

Introduction of class; review of syllabus and projects  
Begin discussion: Chapters 1 & 2 of text  
Assignment for next class: Read Chapters 1, 2 & 4

**WEEK 2 - Tuesday, January 22**

Discussion: Chapters 1, 2, & 4  
Assignment for next class: Read Chapter 5

**WEEK 3 - Tuesday, January 29**

Developing tests for evaluating music learning  
Discussion: Chapter 5  
Assignment for next class: Read Chapter 7 & 8  
Teacher-Made Written Achievement Test assignment reviewed

**WEEK 4 - Tuesday, February 5**

Discussion: Chapters 7 & 8  
Review of Aptitude Tests  
Performance Assessment

**WEEK 5 - Tuesday, February 12**

Performance Assessment Continued  
Likert-Type scales, Rubrics, Check-Lists

**WEEK 6 - Tuesday, February 19**

No Class President's Day Observance

**WEEK 7 - Tuesday, February 26**

Continue with performance assessment  
Review for exam  
â Teacher-Made Written Achievement Test due  
Teacher-Made Performance Test Assignment reviewed

**WEEK 8 - Tuesday, March 4**

Exam # 1  
Assignment for next class: Read pp. 125 –130 (Item Analysis); Chapter 3, Psychometric Foundations

**WEEK 9 - Tuesday, March 11**

Psychometrics in testing  
Central Tendency  
Variability  
Variance and Standard Deviation  
Item Analysis  
Correlations, reliability, validity, norms  
Standard error of measurement, range, and quartile deviation  
â Performance Tests due

**Tuesday, March 18**

No Class- Spring Break

**WEEK 10 - Tuesday, March 25**

Continue psychometrics

**WEEK 11 - Tuesday, April 1**

Continue psychometrics  
â Statistical calculations due

**WEEK 12 - Tuesday, April 8**

Continue with Psychometrics  
Review for Exam # 2

**WEEK 13 - April 15**

**Exam # 2 Psychometrics**  
Reading assignment for next class: Chapter 9 & 11

**WEEK 14 - Tuesday, April 22**

Attitude and affective measurement  
Reporting systems  
â Teacher-Made Written Achievement Test analysis due  
Computer Lab Excel  
Reading assignment for next class: Chapter 12

**WEEK 15 - Tuesday, April 29**

Test administration & scoring  
â Computer Analysis of Teacher-Made Written Achievement Test due  
â Analysis of Performance Tests due  
Review for Final

**Tuesday, May 6**

Final Exam