

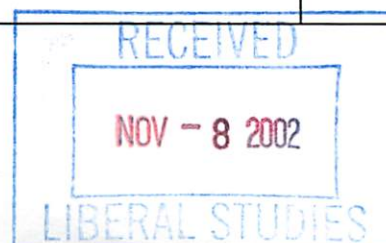
LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
		02-32e	App 12/10/02	App 4/29/03

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person Dr. Susan Wheatley	Email Address wheatley@iup.edu
Proposing Department/Unit Music	Phone 72390

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply) ☐ New Course ☐ Course Prefix Change ☐ Course Deletion ☒ Course Revision ☐ Course Number and/or Title Change ☒ Catalog Description Change		
MUSC 240 Technology in the Music Classroom		
<u>Current Course prefix, number and full title</u>		<u>Proposed course prefix, number and full title, if changing</u>
2. Additional Course Designations: check if appropriate ☐ This course is also proposed as a Liberal Studies Course. ☐ Other: (e.g., Women's Studies, Pan-African) ☐ This course is also proposed as an Honors College Course.		
3. Program Proposals ☐ New Degree Program ☐ Program Title Change ☒ Program Revision ☐ New Minor Program ☐ New Track		
Bachelor of Science in Music Education		
<u>Current program name</u>		<u>Proposed program name, if changing</u>
4. Approvals		
Department Curriculum Committee Chair(s)	<i>Jack Stamp</i>	11/6/02
Department Chair(s)	<i>Susan Wheatley</i> <i>Lorraine P. Wilson</i>	11-6-02 10-31-02
College Curriculum Committee Chair	<i>Joseph H. Clay</i>	11/7/02
College Dean	<i>Richard G. Ford</i>	11/7/02
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>Gail Sechrist</i>	12/10/02



Description of the Curriculum Change

1. New Syllabus of Record

I. Catalog Description

MUSC 240 Technology in the Music Classroom

2 class hours

1 lab hour

Prerequisite: None

2 semester hours

(2c-1l-2sh)

Introduces the student to the technology resources available for use in the music classroom and with instructional technologies appropriate to their application in K-12 settings. Students will be exposed to a variety of media and will have the opportunity to gain familiarity in their use. The emphasis will be placed on the use of the computer in the classroom, computer-based instrument, and Musical Instrument Digital Interface (MIDI).

II. Course Objectives

Students will be able to

1. Become familiar with the technologies available for the music classroom;
2. Select, design and utilize the appropriate media technology available and demonstrate this knowledge by developing a classroom presentation incorporating this technology;
3. Become familiar with the use of sequencers, synthesizers, and MIDI demonstrated by creating projects utilizing the various technologies;
4. Develop an electronic portfolio to be used to store and display your work in music education and to serve as an electronic resume;
5. Gain experience in using the World Wide Web and its application to teaching and learning in the music classroom;
6. Become acquainted with multi-media authoring and presentation software particularly as it applies to the music classroom and to prepare a presentation utilizing materials appropriate to the music classroom or music information.

III. Course Outline

A. Introduction to Microcomputers (6 hours)

1. Brief History
2. Basic Platforms
3. Computer literacy – Macintosh OS
4. Internet & Communications

5. Areas of Competency in Music Technology (26 hours)

1. Electronic Musical Instruments
2. MIDI Sequencing
3. Music Notation
4. Computer-Assisted Instruction (CAI)
5. Multimedia and Digitized Media
6. Information Processing, Computer systems and Lab Management

C. Final Project & Presentations (including Final Exam period) (12 hours)

IV. Evaluation Methods

The final grade will be determined as follows:

- 50% Successful completion and presentation of a project appropriate for use in a K-12 music classroom that incorporates media technology. Grading will be dependent on the quality, creativity, and appropriateness for the classroom;
- 30% Class assignments that occur during the term;
- 20% Class participation, including attendance at lecture and lab sessions.

V. Attendance Policy

Students are expected to come to class. Ample time is allotted for doing the class assignments during the class period. Students are given individualized help with their projects during this time. Participation in the Final Exam is mandatory; an unexcused absence will result in no grade given for the final project.

VI. Required textbooks, supplemental books and readings

Scandrett, John (2002). *MUSC 240 Technology in the Music Classroom*.

Course packet notebook obtained at Copies Now.

Williams, David B. & Peter Webster (1997) *Experiencing Music Technology*. Schirmer Books

Rudolph, Thomas. et al. (1997). *Technology Strategies for Music Education*. Technology Institute for Music Educators.

Purse, Bill (1998). *The Finale Primer*. Miller Freeman Book.

VII. Special resource requirements

1 ZIP Disk, 100 MB (any format, PC or Mac)

1 CDR

VIII. Bibliography

Alessi, S. M., & Trollip, S. R. (1991). *Computer-Based Instruction*. Englewood Cliffs, NJ: Prentice-Hall, Inc.

Anglin, G. J. (Ed.). (1995). *Instructional Technology: Past, Present, and Future*. Englewood, CO: Libraries Unlimited, Inc.

Blum, B. (1995). *Interactive Media: Essentials for Success*. Emeryville, CA: Ziff-Davis Press.

Chambers, J. A. & Sprecher, J. W. (1983). *Computer-Assisted Instruction: Its Use in the Classroom*. Englewood Cliffs, NJ: Prentice-Hall, Inc.

Jonassen, D. H. (Ed.). (1988). *Instructional Designs for Microcomputer Courseware*. Hillsdale, NJ: Lawrence Erlbaum Associates, Publishers.

Jonassen, D. H., Peck, K. L., & Wilson, B. G. (1999). *Learning With Technology: A Constructivist Perspective*. Englewood Cliffs, NJ: Prentice-Hall, Inc.

Means, B. (Ed.). (1994). *Technology and Education Reform*. San Francisco: Jossey-Bass Publishers.

Orwig, G. W. (1983). *Creating Computer Programs for Learning*. Reston, VA: Reston Publishing Co.

O'Shea, T., & Self, J. (1983). *Learning and Teaching with Computers*. Englewood Cliffs, NJ: Prentice-Hall, Inc.

Price, R. V. (1990). *Computer-Aided Instruction: A Guide for Authors*. Pacific Grove, CA: Brooks/Cole Publishing Co.

Romiszowski, A. J. (1992). *The Selection and Use of Instructional Media* (2nd ed.). New York, NY: Nichols Publishing.

Schwier, R. A. & Misanchuk, E. R. (1993). *Interactive Multimedia Instruction*. Englewood Cliffs, NJ: Educational Technology Publications.

Vincent, M. & Karjala, E. (Ed.) (1985). *Music and Technology: First National Assembly*. Muncie, IN: Ball State University Press.

2. Summary of the Proposed Revisions

The revised course will no longer have a prerequisite.

3. Justification/rationale for the revision

The new 3-Step Program for Teacher Education requires that students complete the communications media course before moving on to Step 2. Therefore COMM 301 changed to COMM 103 so that it could be completed before Step 2, and it carries no prerequisite. MUSC 240 is a substitute for COMM 103 for music majors only, and as such must also be completed during the first 4 semesters. Therefore, this course number change is necessary. Additionally, the rudiments of word processing and computer literacy are covered in the first part of the course outline.

4. Old Syllabus of Record

I. Catalog Description

MUSC 240 Technology in the Music Classroom

2 credit hours

1 lab hour

2 semester hours

Prerequisite: 27 hours

BEDU/COSC/IFMG 101, or equivalent computer literacy instruction

(2c-1l-2sh)

Introduces the student to the technology resources available for use in the music classroom and with instructional technologies appropriate to their application in K-12 settings. Students will be exposed to a variety of media and will have the opportunity to gain familiarity in their use. The emphasis will be placed on the use of the computer in the classroom, computer-based instruments, and Musical Instrument Digital Interface (MIDI).

II. Course Objectives

Students will be able to

1. Become familiar with the technologies available for the music classroom;
2. Select, design, and utilize the appropriate media technology available and demonstrate this knowledge by developing a classroom presentation incorporating this technology;
3. Become familiar with the use of sequencers, synthesizers, and MIDI demonstrated by creating projects utilizing the various technologies;
4. Develop an electronic portfolio to be used to store and display work in music education and to serve as an electronic resume;
5. Gain experience in using the World Wide Web and its application to teaching and learning in the music classroom;
6. Become acquainted with multi-media authoring and presentation software particularly as it applies to the music classroom and to prepare a presentation utilizing materials appropriate to the music classroom or music information.

III. Course Outline

6. Introduction to Microcomputers (3 hours)

1. Brief History
2. Basic Platforms
3. Computer literacy – Macintosh OS

7. Areas of Competency in Music Technology (29 hours)

4. Electronic Musical Instruments
5. MIDI Sequencing
6. Music Notation
7. Computer-Assisted Instruction (CAI)
7. Multimedia and Digitized Media
8. Internet & Communications
9. Information Processing, Computer systems and Lab Management

C. Final Project & Presentations (including Final Exam period) (12 hours)

IV. Evaluation Methods

The final grade will be determined as follows:

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Rudolph, Thomas. et al. (1997). *Technology Strategies for Music Education*. Technology Institute for Music Educators.

Purse, Bill (1998). *The Finale Primer*. Miller Freeman Book.

VII. Special resource requirements

- 1 ZIP Disk, 100 MB (any format, PC or Mac)
- 1 CDR

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Anglin, G. J. (Ed.). (1995). *Instructional Technology: Past, Present, and Future*. Englewood, CO: Libraries Unlimited, Inc.

Blum, B. (1995). *Interactive Media: Essentials for Success*. Emeryville, CA: Ziff-Davis Press.

- Chambers, J. A. & Sprecher, J. W. (1983). *Computer-Assisted Instruction: Its Use in the Classroom*. Englewood Cliffs, NJ: Prentice-Hall, Inc.
- Jonassen, D. H. (Ed.). (1988). *Instructional Designs for Microcomputer Courseware*. Hillsdale, NJ: Lawrence Erlbaum Associates, Publishers.
- Jonassen, D. H., Peck, K. L., & Wilson, B. G. (1999). *Learning With Technology: A Constructivist Perspective*. Englewood Cliffs, NJ: Prentice-Hall, Inc.
- Means, B. (Ed.). (1994). *Technology and Education Reform*. San Francisco: Jossey-Bass Publishers.
- Orwig, G. W. (1983). *Creating Computer Programs for Learning*. Reston, VA: Reston Publishing Co.
- O'Shea, T., & Self, J. (1983). *Learning and Teaching with Computers*. Englewood Cliffs, NJ: Prentice-Hall, Inc.
- Price, R. V. (1990). *Computer-Aided Instruction: A Guide for Authors*. Pacific Grove, CA: Brooks/Cole Publishing Co.
- Romiszowski, A. J. (1992). *The Selection and Use of Instructional Media* (2nd ed.). New York, NY: Nichols Publishing.
- Schwier, R. A. & Misanchuk, E. R. (1993). *Interactive Multimedia Instruction*. Englewood Cliffs, NJ: Educational Technology Publications.
- Vincent, M. & Karjala, E. (Ed.) (1985). *Music and Technology: First National Assembly*. Muncie, IN: Ball State University Press.

5. Liberal Studies course approval form and checklist – N/A

6. Supportive Documentation

See letters of acknowledgement from BEDU/COSC/IFMG departments attached.

From: Louise Burky <<mailto:lbburky@iup.edu>>
To: LPW@iup.edu
Sent: Tuesday, October 22, 2002 3:42 PM
Subject: Program Revision [Deletion of Prerequisite for MUSC 240]

Dear Lorraine,

Please excuse my tardiness. I am just now getting to some of the mail.

As a former flute professor in Wisconsin, I have no problem with your program revision. It is fine with the department also. My only concern is where will the students get enough of a word processor to do a term paper? Music technology with something like FINALE just will not give them the same competency.

I have been planning to visit in your dept. for some time. Hopefully I can get out of here a bit before long.

Sincerely,

Louise Burky
[MIS and Decision Science, ECB 207E]

Indiana University of Pennsylvania

Department of Technology Support and Training
Eberly College of Business & Information Technology
664 Pratt Drive
Indiana, Pennsylvania 15705-1087

724-357-3003
Fax: 724-357-3013
Internet: <http://www.iup.edu>

October 15, 2002

Lorraine P. Wilson, Chair
Department of Music
Cogswell Hall, Room 101

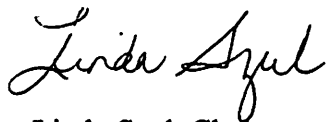
Dear Dr. Wilson

RE: Eliminating BTED101 as a prerequisite for MUSC240

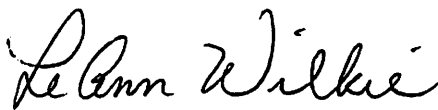
This letter is written as Technology Support and Training Department's acknowledgment of your department's decision to eliminate BTED101 as a prerequisite for MUSC240.

Please be aware that BTED101 is also cross-listed as COSC101 with Computer Science and IFMG101 with Management Information Systems. Their permission for course elimination as a prerequisite will also need to be secured.

Sincerely



Linda Szul, Chair



LeAnn Wilkie, Ed.D.,
Undergraduate Curriculum Committee Co-chair

Sharon Aikins

From: "Dr. Lorraine Wilson" <lpw@iup.edu>
To: "Sharon Aikins" <saikins@grove.iup.edu>
Sent: Thursday, October 17, 2002 3:31 PM
Subject: Fw: MUSC 240 and COSC 101

Sharon,
Please copy for supporting materials with the Music Education revisions.
Thanks,
lpw

----- Original Message -----

From: "Jim Wolfe" <jlwolfe@iup.edu>
To: "Jack Scandrett" <jscandt@iup.edu>; <lpw@iup.edu>
Sent: Thursday, October 17, 2002 1:19 PM
Subject: Re: MUSC 240 and COSC 101

> Lorraine & Jack,
>
> Hopefully, you will accept this e-mail in lieu of a hard-copy letter of
> support.
>
> Based on Jack's description of the content and structure of MUSC 240,
> the Computer Science Department supports changing the requirements for
> MUSC 240 so that COSC 101 is no longer required as a prerequisite. Your
> students are apparently acquiring the specific computer skills that they
> need through the MUSC 240 course. Because COSC 101 uses a different
> platform (PC) than MUSC 240 (Mac) and because the students entering MUSC
> 240 are acquiring basic computer skills through other sources, the
> content of COSC 101 is either redundant or unnecessary for Music majors.
>
> Good luck with your curriculum revision.
>
> Jim Wolfe
> Chair, Computer Science
>