SCHOOL OF MUSIC

College of the Arts
School of Music
E101 Center for the Performing Arts
Kent Campus
330-672-2172
schoolofmusic@kent.edu
www.kent.edu/music

Undergraduate Programs
• Music - B.A.
• Music - B.M.
• Music Education - B.M.
• Music Technology - B.S.

Minors
• Audio Recording
• Jazz Studies
• Music
• Music Technology
• World Music

Graduate Programs
• Conducting - M.M.
• Ethnomusicology - M.A.
• Music Composition - M.A.
• Music Education - M.M.
• Music Education - Ph.D.
• Music Theory - M.A.
• Music Theory - Composition - Ph.D.
• Performance - M.M.

School of Music Faculty
• Albrecht, Theodore J. (1992), Professor, Ph.D., University of North Texas, 1975
• Albrecht, Joshua D. (2019), Assistant Professor
• Anderson, Ian (2015), Assistant Professor, M.F.A., Middle Tennessee State University, 2009
• Bagwell, Dawn M. (2011), Lecturer, M.M., Kent State University, 2012
• Berg, Marla (2009), Assistant Professor, M.M., Cleveland Institute of Music, 1983
• Birch, Sebastian A. (2002), Associate Professor, Ph.D., Cleveland Institute of Music, 1997
• Brown, Dana A. (1984), Associate Professor, M.M., Kent State University, 1986
• Chunn, Michael W. (1983), Professor, M.M., University of Illinois at Chicago, 1980
• Culver, Timothy M. (1999), Associate Professor, M.M., Kent State University, 2002
• DeVore, Richard O. (1983), Associate Professor
• Dorfman, Jay (2006), Associate Professor
• Dressler, Jane K. (1987), Professor, Ph.D., University of North Carolina, Greensboro, 1989
• Ferguson, Katherine E. (2019), Assistant Professor
• Fowler, Krishna (2015), Assistant Professor
• Fucci, Melissa D. (2002), Associate Professor, M.M., Kent State University, 2009
• Holm, Matthew D. (2017), Assistant Professor, Ph.D., Arizona State University, 2006
• Johnstone, Jennifer L. (2002), Assistant Professor, Ph.D., Kent State University, 2012
• Kim, Jungho (2017), Assistant Professor, Ph.D., Eastman School of Music, 2015
• Larmee, Kent D. (1989), Associate Professor
• Le, Andrew (2019), Associate Professor
• Lee, Donna (1999), Professor, Ph.D., The Johns Hopkins University, 1999
• Leyva, Jesse (2013), Associate Professor, Arizona State University, 2010
• MacPherson, Scott A. (2008), Professor, D.M.A., University of Southern California, 1992
• Marshall, Herbert D. (2019), Assistant Professor
• Matthews, Wendy K. (2018), Associate Professor, Ph.D., George Mason University, 2007
• McCloskey-Rechner, Diane L. (1991), Associate Professor
• McPherson, Eve (2011), Associate Professor
• Mitchell, David E. (2001), Associate Professor, M.M., University of Akron, 1989
• Mukuna, Kazadi W. (1989), Professor, Ph.D., University of California, Los Angeles, 1978
• Nanongkham, Priwan (1998), Assistant Professor
• Naxer, Meghan (2008), Assistant Professor, Ph.D., University of Oregon, 2016
• Nowakowski, Mark (2016), Assistant Professor, Ph.D., University of Colorado, Boulder, 2006
• Resta, Craig M. (2008), Associate Professor, Ph.D., University of Maryland, University College, 2008
• Roberts, Adam (2018), Assistant Professor, Ph.D., Harvard University Graduate & Professional School, 2010
• Robinson, Cathy M. (2003), Assistant Professor
• Robinson, Keith H. (2003), Assistant Professor
• Redpath, Denise A. (1988), Professor and Campus Dean, Ph.D., Kent State University, 1993
• Selvaggio, Robert (2010), Associate Professor, M.M., Manhattan School of Music, 1995
• Shahriari, Andrew C. (1993), Associate Professor, M.M., Kent State University, 2001
• Sundet, Danna S. (2002), Professor
• Tiffe, Janine L. (2011), Assistant Professor, Ph.D., Florida State University, 2015
• Vardi, Amitai (2012), Assistant Professor, M.M., Cleveland Institute of Music, 2002
• Vaughn, Erin M. (2006), Lecturer, M.M., Kent State University, 2015
• Venesile, Christopher J. (2010), Associate Professor
Kent Blossom Music (KBM)

KBM 40026 ACCOMPANYING PROJECTS 2-4 Credit Hours
(Repeatable for a maximum of 8 credit hours) rotating piano assignment among responsibilities in chamber music rehearsals, chamber music preparation master classes and instrumental private lessons. Individual responsibilities change weekly.
Prerequisite: Permission.
Schedule Type: Studio
Contact Hours: 4-8 other
Grade Mode: Satisfactory/Unsatisfactory

KBM 40031 CHAMBER MUSIC 1-4 Credit Hours
(Repeatable for a maximum of 8 credit hours) rehearsal, coaching and performance of representative chamber repertoire from the Baroque era through the twentieth century. Woodwinds, horn and strings.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Studio
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

KBM 40032 ORCHESTRAL REPERTOIRE AND TECHNIQUE 1 Credit Hour
(Repeatable for credit) Study and performance of standard orchestral repertoire and common audition requirements. Technical and interpretive approaches relating specifically to orchestral performance. Woodwinds, horn and strings.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Studio
Contact Hours: 1 other
Grade Mode: Satisfactory/Unsatisfactory

KBM 50031 CHAMBER MUSIC 1-4 Credit Hours
(Repeatable for credit) rehearsal, coaching and performance of representative chamber repertoire from the Baroque era through the twentieth century. Woodwinds, horn, strings and piano. Intensive daily rehearsal and coaching.
Prerequisite: Graduate standing; and audition.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

KBM 50032 ORCHESTRAL REPERTOIRE AND TECHNIQUE 1 Credit Hour
(Repeatable for credit) Study and performance of standard orchestral repertoire and common audition requirements. Technical and interpretive approaches relating specifically to orchestral performance. Woodwinds, horn, strings and piano. Intensive daily rehearsal and coaching.
Prerequisite: Graduate standing; and audition.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

KBM 40032 ORCHESTRAL REPERTOIRE AND TECHNIQUE 1 Credit Hour
(Repeatable for a maximum of 2 credit hours) technical and interpretive approaches relating specifically to orchestral performance. Woodwinds, horn, strings and piano.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1 other
Grade Mode: Satisfactory/Unsatisfactory

KBM 50093 VARIABLE TITLE WORKSHOP IN MUSIC 1-4 Credit Hours
(Repeatable for credit) offered for specific professional needs. Emphasis on performance and pedagogical skills.
Prerequisite: Permission.
Schedule Type: Workshop
Contact Hours: 4 other
Grade Mode: Satisfactory/Unsatisfactory

KBM 50026 ACCOMPANYING PROJECTS 2-4 Credit Hours
(Repeatable for a maximum of 8 credit hours) rotating piano assignment among responsibilities in chamber music rehearsals, chamber music preparation master classes and instrumental private lessons. Individual responsibilities change weekly.
Prerequisite: Graduate standing; and audition.
Schedule Type: Studio
Contact Hours: 2-4 other
Grade Mode: Satisfactory/Unsatisfactory

KBM 50031 CHAMBER MUSIC 1-4 Credit Hours
(Repeatable for credit) rehearsal, coaching and performance of representative chamber repertoire from the Baroque era through the twentieth century. Woodwinds, horn, strings and piano. Intensive daily rehearsal and coaching.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory
KBM 70093  VARIABLE TITLE WORKSHOP IN MUSIC  1-4 Credit Hours
(Repeatable for credit) Offered for specific professional needs. Emphasis on performance and pedagogical skills.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Workshop
Contact Hours: 4 other
Grade Mode: Satisfactory/Unsatisfactory

Music (MUS)

MUS 11110  MUSIC FUNDAMENTALS  3 Credit Hours
Introduction to the pitch and rhythmic aspects of music. Emphasis on aural skills and music notation. Prepares students for MUS 11111. No credit toward graduation for music majors or minors.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 11111  MUSIC RUDIMENTS  3 Credit Hours
Introduction to the pitch and rhythmic aspects of music. Emphasis on aural/oral skills and music notation. No credit toward graduation for music majors or minors.
Prerequisite: Music Theory Placement Test, score of 01.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 11121  THEORY I  4 Credit Hours
Basic elements of music–harmonic, melodic, rhythmic–studied through analysis, composition, keyboard and ear training. Diatonic materials emphasized.
Prerequisite: Music Theory Placement Test, score of 02.
Schedule Type: Laboratory, Lecture
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 11122  THEORY II  4 Credit Hours
Continuation of basic elements of music–harmonic, melodic, rhythmic–studied through analysis, composition, keyboard, singing and ear training. Chromatic materials emphasized.
Prerequisite: MUS 11121 with a C grade.
Schedule Type: Laboratory, Lecture
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 16914  ELECTRIC GUITAR APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours
(Repeatable for credit) Development of performance proficiency in popular music styles.
Prerequisite: None.
Schedule Type: Private Lesson, Studio
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 16915  ELECTRIC BASS APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours
(Repeatable for credit) Development of performance proficiency in popular music styles.
Prerequisite: None.
Schedule Type: Private Lesson, Studio
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 17011  PIANO CLASS FOR NONMUSIC STUDENTS  2 Credit Hours
Development of basic skills required in playing piano, including familiarity with the keyboard and music notation.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 17012  PIANO CLASS FOR NONMUSIC STUDENTS  2 Credit Hours
Development of basic skills required in playing piano, including familiarity with the keyboard and music notation.
Prerequisite: MUS 17011.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 17013  FUNDAMENTALS OF JAZZ PIANO  1 Credit Hour
Focus on the fundamentals of jazz piano chord voicings and accompanying, playing scales related to jazz theory, and learning jazz repertoire on the piano. Additional skills related to becoming a well-rounded jazz improviser, composer and educator.
Prerequisite: MUS 17112 with a minimum C grade; and music major, music education major or music technology major.
Schedule Type: Studio
Contact Hours: 2 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 17111  PIANO CLASS  1 Credit Hour
Preparatory piano. Piano literature and functional elements of sight-reading, transposition, harmonization, and improvisation.
Prerequisite: Special approval.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 17112  PIANO CLASS  1 Credit Hour
Preparatory piano. Piano literature and functional elements of sight-reading, transposition, harmonization, and improvisation.
Prerequisite: MUS 17111 with a C grade; and special approval.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 18611  SINGER’S DICTION I  1 Credit Hour
Foundational training and performance practice in phonetics and singing diction for the English, American, Ecclesiastical Latin and Italian vocal repertoire.
Prerequisite: Music or music education major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter
MUS 18612 SINGER’S DICTION II 1 Credit Hour
Foundational training and performance practice in phonetics and singing
diction for the vocal repertoire of French, German and selected other
languages.
Prerequisite: MUS 18611 with a C grade; and music major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

MUS 20295 SPECIAL TOPICS IN MUSIC 1-3 Credit Hours
(Repeatable for credit) Academic study in areas not offered adequately
in the music curriculum. Topic areas are of special interest to the faculty
member.
Prerequisite: Music major.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 21111 THEORY III 4 Credit Hours
Study of Western art music from the sixteenth through eighteenth
centuries. Emphasis on analytical, aural, compositional, and keyboard
components of music theory.
Prerequisite: MUS 11122 with a minimum C grade.
Schedule Type: Laboratory, Lecture
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 21112 THEORY IV 4 Credit Hours
Study of Western art music from the nineteenth and early twentieth
centuries. Emphasis on analytical, aural, compositional and keyboard
components of music theory.
Prerequisite: MUS 21111 with a minimum C grade.
Schedule Type: Laboratory, Lecture
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 21113 MUSIC PRODUCTION I 3 Credit Hours
A practical introduction to digital audio production, study of basic
computer assisted recording, editing and music production.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 21114 MUSIC PRODUCTION II 3 Credit Hours
A practical study of computer assisted composition and arranging
covering MIDI, sequencing, synthesis, sampling and video
synchronization.
Prerequisite: MUS 21113 and 21221 with minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 21221 AUDIO RECORDING I 3 Credit Hours
A study of fundamental studio recording technology, theory and
techniques, including signal flow, microphone theory, the human auditory
system, analog audio consoles and standard industry Digital Audio
Workstations (DAWs).
Prerequisite: MUS 21113 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 21222 AUDIO RECORDING II 3 Credit Hours
A continuation of audio theory and techniques addressed in Audio
Recording I. This includes study of the decibel, digital audio theory,
microphone techniques, fundamental multi-track recording techniques
as well as DAW session setup, file management and recording session
etiquette.
Prerequisite: MUS 21221 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 21341 CONTEMPORARY POPULAR MUSIC THEORY 3 Credit Hours
Application of the knowledge gained from Music Theory (MUS 11121
and 11122) to the study of popular music through practical applications,
particularly with regard to composition and improvisation.
Prerequisite: MUS 11122 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Kent Core Fine Arts, Transfer Module Fine Arts

MUS 21221 MUSIC AS A WORLD PHENOMENON (DIVG) (KFA) 3 Credit Hours
An introduction to music as a world phenomenon. Study of selected art,
folk and popular music from world cultures through live performances,
tapes, films, video tapes and readings.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Kent Core Fine Arts, Transfer Module Fine Arts

MUS 22111 THE UNDERSTANDING OF MUSIC (KFA) 3 Credit Hours
A listening approach for the understanding of Western art music,
folk and jazz. Particular attention is paid to musical styles forms and
compositional techniques as related to music history.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Kent Core Fine Arts, Transfer Module Fine Arts

MUS 22131 SURVEY OF ROCK MUSIC HISTORY (DIVD) 3 Credit Hours
A survey of Rock Music History from the 1950s through the twentieth
century to today. Emphasis is on recognizing music literature, prominent
artists and music styles, as well as related cultural events. Modern media,
especially the Internet, is an integral component of the course.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic
MUS 23241  MUSIC TEACHING AS A PROFESSION  2 Credit Hours
Basic teaching strategies and techniques; an overview of music teaching as a career; diversity, integration, curriculum technology, classroom management, legal issues, personal skills and portfolio. Twenty (20) field hours required.
Prerequisite: Music or music education major.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 25011  UNIVERSITY CHORUS  1 Credit Hour
(Repeatable for credit) Choral ensemble which studies and performs sacred and secular music for mixed voices. Activities include performance on and off campus.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 25225  UNIVERSITY BAND  1 Credit Hour
(Repeatable for credit) Study and performance of music literature for wind band appropriate for music majors and non-majors.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Standard Letter

MUS 25311  CHAMBER MUSIC  1 Credit Hour
(Repeatable for credit) The study and performance of music for small ensembles.
Prerequisite: Permission.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Standard Letter

MUS 25312  WORLD MUSIC ENSEMBLE  1 Credit Hour
(Repeatable for credit) The World Music Ensemble teaches performance and cultural etiquette associated with traditional and popular world music genres, e.g., African drumming. Specific traditions studied include areas of specialization of instructors and or advanced student participants.
Prerequisite: None.
Schedule Type: Studio
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 26311  APPLIED MUSIC VOICE  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to lower division study. Individual instruction. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.
Prerequisite: 26000 Applied Music Test - audition.
Schedule Type: Private Lesson, Studio
Contact Hours: 2-4 other
Grade Mode: Standard Letter

MUS 26412  APPLIED MUSIC - VIOLA  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to lower division study. Individual instruction. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.
Prerequisite: 26000 Applied Music Test.
Schedule Type: Private Lesson, Studio
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter

MUS 26414  APPLIED MUSIC DOUBLE BASS  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to lower division study. Individual instruction. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.
Prerequisite: 26000 Applied Music Test - audition.
Schedule Type: Private Lesson, Studio
Contact Hours: 2-4 other
Grade Mode: Standard Letter

MUS 26511  APPLIED MUSIC - FLUTE  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to lower division study. Individual instruction. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.
Prerequisite: 26000 Applied Music Test.
Schedule Type: Private Lesson, Studio
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 26512</td>
<td>APPLIED MUSIC - OBOE</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26513</td>
<td>APPLIED MUSIC - CLARINET</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
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<td>MUS 26514</td>
<td>APPLIED MUSIC - BASSOON</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26515</td>
<td>APPLIED MUSIC - SAXOPHONE</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26611</td>
<td>APPLIED MUSIC - TRUMPET</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26612</td>
<td>APPLIED MUSIC - HORN</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26613</td>
<td>APPLIED MUSIC - TROMBONE</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26614</td>
<td>APPLIED MUSIC - EUPHONIUM</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26615</td>
<td>APPLIED MUSIC - TUBA</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26511</td>
<td>APPLIED MUSIC PERCUSSION</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 26912</td>
<td>APPLIED MUSIC GUITAR</td>
<td>2,4</td>
<td>Bachelor of Science in Music Technology program only. An audition is required. This course meets program requirements in the Bachelor of Science in Music Technology program only.</td>
</tr>
<tr>
<td>MUS 27111</td>
<td>PIANO CLASS</td>
<td>2</td>
<td>Continuation of piano classes. Credit acceptable on music major and minor sequences.</td>
</tr>
<tr>
<td>MUS 27112</td>
<td>PIANO CLASS</td>
<td>2</td>
<td>Continuation of piano classes. Credit acceptable on music major and minor sequences.</td>
</tr>
</tbody>
</table>
MUS 31113  MUSIC PRODUCTION III  3 Credit Hours
Continuation of Music Production II. Advanced sequencing, synthesis and audio editing techniques as applied to music production. Focus is on arranging.
Prerequisite: Minimum C grade in MUS 11121, MUS 21114, and MUS 21222; and 36000 applied music threshold.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 31114  MUSIC PRODUCTION IV  3 Credit Hours
Continuation of Music Production III. Arranging for acoustic and electronic instruments as applied to music production. Development of MIDI programming skills and use of sample sets.
Prerequisite: MUS 31113 with a minimum C grade; and music technology major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 31121  WESTERN MUSIC SINCE 1900  2 Credit Hours
Class meets three hours per week. The study of western art music since 1900 from historical and theoretical viewpoints. Emphasis on aural listening music composition and written skills as well as intellectual understanding.
Prerequisite: MUS 21112 and MUS 32212 with a minimum C grade.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

MUS 31211  COMPOSITION  2-4 Credit Hours
(Repeated for credit) original composition for instrumental and vocal solos and small ensembles using shorter musical forms.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 7.5-15 other
Grade Mode: Standard Letter

MUS 31221  AUDIO RECORDING III  3 Credit Hours
A study of advanced recording and record production techniques. Topics include pre-production planning, instrument-specific single and multi-mic techniques, re-amping and other techniques.
Prerequisite: Minimum C grade in MUS 11121, MUS 21114 and MUS 21222; and 36000 applied music threshold.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 31222  AUDIO RECORDING IV  3 Credit Hours
A detailed study of the tools, techniques and critical listening decisions required in creating a professional audio mx.
Prerequisite: MUS 31221 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 32211  MUSIC HISTORY I  3 Credit Hours
A study of Western music history from the early Christian chants through the Early Classical style.
Prerequisite: MUS 22111 (music major section) with a minimum C grade; and junior standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

MUS 32212  MUSIC HISTORY II (WIC)  3 Credit Hours
A study of Western music history from the Classical style period to the present.
Prerequisite: MUS 22111 (music major section) and MUS 32211 with a minimum C grade; and junior standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

MUS 32230  NAVIGATING THE MUSIC INDUSTRY  3 Credit Hours
An overview and study of the music industry. Current practices are examined including artist contracts, music copyright and licensing, and revenue flow from music consumers to content creators. Special emphasis is placed on entrepreneurial activity within the music industry.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 33211  ELEMENTARY AND SECONDARY GENERAL MUSIC  4 Credit Hours
Kodaly, Orff, Dalcroze and current strategies appropriate for early childhood K-12 general music classrooms. Emphasis on teaching diverse learners, including special student populations. Clinical experience in the teaching of general music in the schools. Forty (40) field hours required.
Prerequisite: Admission to advanced study; and MUS 23241 with a minimum C grade; and music or music education major; and junior standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 lecture, 1 lab
Grade Mode: Standard Letter

MUS 33214  MUSIC TECHNOLOGY FOR MUSIC EDUCATORS  1 Credit Hour
The application of technologies specific to music instruction and learning for music education majors. Emphasis is placed on project-based instruction focusing on the practical uses of technology in school settings.
Prerequisite: Music education major.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 1 lab
Grade Mode: Standard Letter

MUS 33231  ELEMENTARY AND SECONDARY CHORAL MUSIC  4 Credit Hours
Methods, materials, and literature used in elementary and secondary choral music programs; designing a choral curriculum, advocacy and assessment, lesson planning, program organization, budget, Clinical experience in the teaching of choral music. Forty (40) field hours required.
Prerequisite: Admission to advanced study; and MUS 23241 and 34111 with a minimum C grade; and junior standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter
MUS 33314  PROGRESSIVE AND VERNACULAR MUSIC METHODS  2 Credit Hours
Elementary through secondary instruction in music methods related to vernacular and popular music styles. Students will gain experience in lesson planning, program organization, recruiting, and performing with ensembles that exist outside of the band-orchestra-chorus model including, but not limited to, rock bands, technology-based ensembles, and other non-traditional ensembles. Experiences will focus on popular and vernacular music-making techniques, facilitating small- and large-group instruction, and incorporating these experiences within the traditional school music setting.
Prerequisite: Admission to advanced study; and MUS 23241 with a minimum C grade; and music education major; and completion of the music education professional evaluation.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

MUS 34111  INTRODUCTION TO CONDUCTING  2 Credit Hours
Introduction to and study of conducting: beat patterns, baton techniques, score reading, analysis and interpretive elements. Six field/clinical hours are required.
Prerequisite: MUS 11122 with a minimum C grade; and junior standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

MUS 34211  ELEMENTARY AND SECONDARY GENERAL MUSIC  2 Credit Hours
Kodaly, Orff, Dalcroze, and current strategies appropriate for early childhood K-12 general music classrooms. Emphasis on teaching diverse learners, including special student populations. Clinical experience in the teaching of general music in the schools. Thirty (30) field hours required.
Prerequisite: Admission to advanced study; and MUS 23241 with a minimum C grade; and music or music education major; and completion of the music education professional evaluation; and junior standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 3 lab
Grade Mode: Standard Letter

MUS 34212  ELEMENTARY AND SECONDARY CHORAL MUSIC  2 Credit Hours
Methods, materials, and literature used in elementary and secondary choral music programs; designing a choral curriculum, advocacy and assessment, lesson planning, program organization, budget. Clinical experience in the teaching of choral music. Thirty (30) field hours required.
Prerequisite: Admission to advanced study; and MUS 23241 and 34111 with a minimum C grade; and completion of the music education professional evaluation; and junior standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 3 lab
Grade Mode: Standard Letter

MUS 35213  STUDIO ENSEMBLE  1 Credit Hour
(Repeatable for a maximum of 16 credit hours) Development of ensemble skills through small group experience performing diverse popular styles from notation, developing improvisation skills and creating arrangements from lead charts. Students must audition for the director prior to registration for the course.
Prerequisite: Special approval.
Schedule Type: Studio
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 36011  APPLIED MUSIC - CELLO  2,4 Credit Hours
(Repeatable for credit) Private instrumental instruction in Jazz techniques.
Prerequisite: Audition; and special approval.
Schedule Type: Private Lesson
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter

MUS 36111  APPLIED MUSIC-VIOLIN  2,4 Credit Hours
(Repeatable for credit) Private instrumental instruction in Jazz techniques.
Prerequisite: Audition; and special approval.
Schedule Type: Private Lesson
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter

MUS 36311  APPLIED MUSIC-VOICE  2,4 Credit Hours
(Repeatable for credit) Private instrumental instruction in Jazz techniques.
Prerequisite: Audition; and special approval.
Schedule Type: Private Lesson
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter

MUS 36411  APPLIED MUSIC-VIOLA  2,4 Credit Hours
(Repeatable for credit) Private instrumental instruction in Jazz techniques.
Prerequisite: Audition; and special approval.
Schedule Type: Private Lesson
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter

MUS 36412  APPLIED MUSIC-VIOLIN  2,4 Credit Hours
(Repeatable for credit) Private instrumental instruction in Jazz techniques.
Prerequisite: Audition; and special approval.
Schedule Type: Private Lesson
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter

MUS 36413  APPLIED MUSIC-CELLO  2,4 Credit Hours
(Repeatable for credit) Private instrumental instruction in Jazz techniques.
Prerequisite: Audition; and special approval.
Schedule Type: Private Lesson
Contact Hours: 1.5-2 other
Grade Mode: Standard Letter

MUS 36111  APPLIED MUSIC-PIANO  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36311  APPLIED MUSIC-VOICE  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36411  APPLIED MUSIC-VIOLIN  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36412  APPLIED MUSIC-VIOLA  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36413  APPLIED MUSIC-CELLO  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities
MUS 36414  APPLIED MUSIC-DOUBLE BASS  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36511  APPLIED MUSIC-FLUTE  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36512  APPLIED MUSIC-OBOE  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36513  APPLIED MUSIC-CLARINET  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36514  APPLIED MUSIC-BASSOON  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36515  APPLIED MUSIC-SAXOPHONE  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36611  APPLIED MUSIC-TRUMPET  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36612  APPLIED MUSIC-HORN  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36613  APPLIED MUSIC-TROMBONE  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36614  APPLIED MUSIC-EUPHONIUM  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36615  APPLIED MUSIC-Tuba  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 36711  APPLIED MUSIC-PERCUSSION  2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music, music technology or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities
MUS 36912  APPLIED MUSIC-GUITAR  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music, music technology or music education major.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1.5-2 other  
Grade Mode: Standard Letter  
Attributes: TAG Arts and Humanities

MUS 36913  APPLIED STUDIO MUSICIANSHIP  2-4 Credit Hours  
(Repeatable for a maximum of 16 credit hours) Development of performance proficiency in contemporary popular music styles appropriate for the performance idiom through individual instruction. Students must audition for the director prior to registration for the course.  
Prerequisite: Special approval.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 2-4 other  
Grade Mode: Standard Letter

MUS 36914  ELECTRIC GUITAR APPLIED STUDIO MUSICIANSHIP  2-4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music and music technology majors; and special approval.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 2-4 other  
Grade Mode: Standard Letter

MUS 36915  ELECTRIC BASS APPLIED STUDIO MUSICIANSHIP  2-4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles.  
Prerequisite: Music and music technology majors.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 2-4 other  
Grade Mode: Standard Letter

MUS 36916  DRUM SET PERCUSSION APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music and music technology majors; and special approval.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 2-4 other  
Grade Mode: Standard Letter

MUS 36917  KEYBOARD APPLIED STUDIO MUSICIANSHIP  2-4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music and music technology majors; and special approval.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 2-4 other  
Grade Mode: Standard Letter

MUS 36918  CONTEMPORARY VOICE APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music and music technology majors; and special approval.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 2-4 other  
Grade Mode: Standard Letter

MUS 36919  FLUTE APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music major or music technology major.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1.5-2 other  
Grade Mode: Standard Letter

MUS 36920  CLARINET APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music major or music technology major.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1.5-2 other  
Grade Mode: Standard Letter

MUS 36921  SAXOPHONE APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music major or music technology major.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1.5-2 other  
Grade Mode: Standard Letter

MUS 36922  TRUMPET APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music major or music technology major.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1.5-2 other  
Grade Mode: Standard Letter

MUS 36923  HORN APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music major or music technology major.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1.5-2 other  
Grade Mode: Standard Letter

MUS 36924  TROMBONE APPLIED STUDIO MUSICIANSHIP  2,4 Credit Hours  
(Repeatable for credit) Development of performance proficiency in popular music styles. An audition is required.  
Prerequisite: Music major or music technology major.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1.5-2 other  
Grade Mode: Standard Letter

MUS 37111  CONTEMPORARY POPULAR PIANO  2 Credit Hours  
Development of keyboard applications in contemporary popular music styles with a focus on music theory.  
Prerequisite: MUS 17112 with a minimum C grade.  
Corequisite: MUS 21341.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter
MUS 37113  PIANO SKILLS FOR THE CHORAL/GENERAL MUSIC EDUCATOR   2 Credit Hours
Development of keyboard skills for practical purposes in the classroom and ensemble rehearsals.
Prerequisite: MUS 11122 and 36111 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 37114  PIANO SKILLS FOR THE INSTRUMENTAL MUSIC EDUCATOR   1 Credit Hour
Development of keyboard skills for practical purposes in the classroom and ensemble rehearsals.
Prerequisite: MUS 11122 and MUS 17112 with a minimum C grade or minimum score of 80 on piano placement test.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

MUS 40092  MUSIC TECHNOLOGY INTERNSHIP (ELR)   2 Credit Hours
(Repeatable for a maximum of 4 credit hours) On-the-job experience with cooperating business in the field of music technology and preparation of a final report or an applicable project.
Prerequisite: MUS 31114 or 31222 with a minimum C grade; and 2.250 overall GPA; and music technology major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 15 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

MUS 40295  SPECIAL TOPICS IN MUSIC   1-3 Credit Hours
(Repeatable for a total of 12 hours) Academic study in areas not offered adequately in the music curriculum. Topic areas are of special interest to the faculty member.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

MUS 40296  INDEPENDENT STUDY:MUSIC   1-3 Credit Hours
(Repeatable for credit) Individual investigation in music topics not offered as either regular coursework or beyond the scope of existing music major courses.
Prerequisite: Music or music education major; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

MUS 41111  PRACTICUM IN MUSIC THEORY   2 Credit Hours
Ear training, sight singing and analysis in preparation for graduate level music theory coursework.
Prerequisite: Permission.
Schedule Type: Private Lesson
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 41112  WESTERN MUSIC SINCE 1945   1 Credit Hour
The study of Western art music since 1945 from historical and theoretical viewpoints. Emphasis on analysis, composition, listening and intellectual understanding.
Prerequisite: MUS 21112 and MUS 32212 with a minimum C grade.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

MUS 41113  MUSIC PRODUCTION V   3 Credit Hours
Continuation of Music Production IV, create music to accompany a visual medium by learning fundamental to more advanced film scoring techniques.
Prerequisite: MUS 31114 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 41114  MUSIC PRODUCTION VI   3 Credit Hours
Continuation of Music Production V, advanced sequencing, synthesis and audio editing techniques as applied to music production. Focus is on original music.
Prerequisite: MUS 41113 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 41131  KEYBOARD HARMONY   3 Credit Hours
Theoretical skills demonstrated at the keyboard: harmonization of melodies in homophonic style, realization of figured bass, score reading, modulation and improvisation.
Prerequisite: MUS 21112 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 41141  SIXTEENTH-CENTURY COUNTERPOINT   3 Credit Hours
Two-, three- and four part vocal counterpoint in 16th century style.
Prerequisite: MUS 21112 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 41151  EIGHTEENTH-CENTURY COUNTERPOINT   3 Credit Hours
Technique of writing counterpoint in 18th-century style, especially that of J. S. Bach.
Prerequisite: MUS 21112 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MUS 41161 ADVANCED MUSICAL ANALYSIS  3 Credit Hours
A study of 20th-century approaches to tonal and nontonal musical analysis. Emphasis on familiarity with styles, nomenclature and appropriate graphic techniques.
Prerequisite: MUS 31121 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 41181 ACOUSTICS AND TECHNOLOGY IN MUSIC  2 Credit Hours
An introduction to acoustics and psychoacoustics in direct relationship to music, and an introduction to uses of technology in music composition, performance, notation, theory, history and pedagogy.
Prerequisite: Music technology major.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 41211 COMPOSITION  2,4 Credit Hours
(Repeatable for credit) Study of the materials and techniques of musical composition culminating in original works based upon observable principles of unity and variety.
Prerequisite: Composition or music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 2-4 other
Grade Mode: Standard Letter

MUS 41221 AUDIO RECORDING V  3 Credit Hours
A continuation of Audio Recording IV. Covered topics include advanced mixing techniques using analog console automation, mixing for surround sound, and fundamentals of audio mastering.
Prerequisite: MUS 31222 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 41222 AUDIO RECORDING VI  3 Credit Hours
A comprehensive record production experience from pre-production through recording, editing, mixing and mastering a complete audio project. Alternatively, students may opt to complete a research-based thesis document.
Prerequisite: MUS 41221 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 41299 SENIOR PROJECT: MUSIC COMPOSITION (ELR)  2 Credit Hours
(Repeatable for credit) The final composition experience prior to graduation: a recital of individually composed works must be presented.
Prerequisite: MUS 41211 with a minimum C grade.
Schedule Type: Senior Project/Honors Thesis
Contact Hours: 2 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

MUS 41321 ORCHESTRATION  3 Credit Hours
Ranges, tonal possibilities, technical limitations and transpositions for all orchestral instruments. Scoring techniques and analysis of representative instrumental ensemble repertoire.
Prerequisite: MUS 21112 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 41341 JAZZ IMPROVISATION I  1 Credit Hour
(Repeatable for a total of 2 credit hours) A beginner's introduction to Jazz Improvisation. Theory and daily playing will be enhanced by ear training.
Prerequisite: Special approval.
Schedule Type: Laboratory
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 41342 JAZZ COMPOSING AND ARRANGING  2 Credit Hours
(Repeatable for credit) Composing and arranging for the large and small jazz ensemble.
Prerequisite: MUS 17013 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 41351 JAZZ IMPROVISATION II  1 Credit Hour
The presentation of a methodical approach to learning standard Jazz repertoire.
Prerequisite: MUS 41341 with a minimum C grade or special approval via audition.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

MUS 42101 ROOTS OF ROCK  3 Credit Hours
Roots of Rock is a comprehensive survey of the various genres of American music in the 20th century that contributed to the development of rock music. Important performers in various styles and their contributions to the art form are explored. Pioneers in the fields of recording, artist management and production are studied. Rock music's contributions to the emergence of American culture are viewed in the context of social, racial and political changes. The impact of technological advances in radio, recording and television are also studied.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42111 AFRICAN MUSIC AND CULTURES  3 Credit Hours
African music as related to social sciences and humanities. Oral traditions. Use of music recordings, tapes, musical instruments, participation in performance and group work involvement.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42131 AMERICA'S MUSIC  3 Credit Hours
Historical survey of music in America from New England psalmody to present-day compositional trends.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42141 FOLK MUSIC OF EUROPE AND NORTH AMERICA  3 Credit Hours
(Slashed with MUS 52141) Study of selected music cultures of Eastern and Western Europe, and South, Central and North America.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MUS 42151  ASIAN MUSICS  3 Credit Hours
Survey of Asian musics. Emphasis on art, folk and popular musics and relationships of these musics to their respective cultures.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42161  HISTORY OF JAZZ (DIVD)  3 Credit Hours
The evolution of jazz from its origin to present.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42162  JAZZ STYLES AND ANALYSIS  3 Credit Hours
An approach to jazz history from the perspective of major artists such as: Louis Armstrong, Duke Ellington, Charlie Parker, Miles Davis and John Coltrane.
Prerequisite: MUS 41341 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42165  HISTORY OF CONTEMPORARY POPULAR MUSIC (DIVD) (WIC)  3 Credit Hours
A study of popular music from the 1950s to the present. Course content will highlight significant artists, examine important style elements, and expose students to a variety of repertoire. This course will emphasize music theory and orchestration to understand and differentiate style. An overview of the history and development of recording technology is an important component of this course.
Prerequisite: MUS 21341.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic, Writing Intensive Course

MUS 42181  POPULAR WORLD MUSIC (DIVG)  3 Credit Hours
(Slashed with MUS 52181) A survey of popular world music genres from North America, the Caribbean, South America, Europe, Africa and Asia. Emphasis is on recognizing music literature, prominent artists and music styles, as well as related cultural events. Modern media, especially the Internet, is an integral component of the course.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Global

MUS 42211  SYMPHONIC LITERATURE  3 Credit Hours
Historical and stylistic survey of music for large instrumental ensemble.
Prerequisite: MUS 21112 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42221  CHORAL LITERATURE I  3 Credit Hours
Study of Western European choral literature from approximately 1450 to the early nineteenth century, i.e., Renaissance, Baroque and Classical periods.
Prerequisite: MUS 31121 with a minimum C grade; and special approval of instructor.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42225  SONG LITERATURE  3 Credit Hours
A study of vocal literature from the 16th century to the present. Emphasis upon the style, interpretation and presentation of solo materials for all voice classifications.
Prerequisite: MUS 22111 with a minimum C grade; and junior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42241  PIANO LITERATURE I  3 Credit Hours
Survey of keyboard and piano literature from the 16th century to the present; study of related forms and styles. Emphasis on performing, listening and analysis.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42242  PIANO LITERATURE II  2 Credit Hours
Survey of character pieces and variations from the 16th century to the present. Emphasis on performing, listening, and analysis.
Prerequisite: Music major.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 42251  OPERA LITERATURE  3 Credit Hours
The historical development of opera from the 17th century to the present. Detailed analysis of representative works.
Prerequisite: MUS 22111 with a minimum C grade; and junior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42271  CHORAL LITERATURE II  3 Credit Hours
A study of Western European and North American choral music of the early 19th century to the present (roughly 1830 to the present).
Prerequisite: MUS 31121 with a minimum C grade; and special approval of instructor.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 42272  CHORAL LITERATURE III  3 Credit Hours
(Slashed with MUS 52272) Continuation of Choral Literature I. A study of Western European and North American choral music of the early 19th century to the present. Emphasis on performing, listening, and analysis.
Prerequisite: MUS 31121 with a minimum C grade; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MUS 42357  STUDENT TEACHING (ELR)  9 Credit Hours
Provides a 16-week student teaching experience. Off-campus arrangements are handled by the College of Education, Health and Human Services and the School of Music.
Prerequisite: Music education major; official valid certification of child safety training, approved basic life support and ALICE training must be presented to the campus office of clinical experience or designated faculty/staff at regional campuses as prerequisite for student teaching; and special approval.
Corequisite: MUS 49525.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

MUS 43211  INSTRUMENTAL METHODS II  4 Credit Hours
Secondary instrumental instruction; program organization, budget, advocacy, assessment, rehearsal planning, literature and teaching techniques. Clinical experience in the teaching of music. Forty (40) field hours required.
Prerequisite: Admission to advanced study; and minimum C grade in MUS 23241 and 34111 and 43231; and 3 credits with a minimum C grade in MUS 47411 or 47511 or 47611 or 47711; and junior standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter

MUS 43231  INSTRUMENTAL METHODS I  4 Credit Hours
Elementary and middle school instrumental instruction, program organization, rehearsal teaching techniques, lesson plans, literature, assessment, scheduling, recruiting, modeling and interactive teaching. Clinical experience in the teaching of music. Forty (40) field hours required.
Prerequisite: Admission to advanced study; and MUS 23241 with a minimum C grade; and minimum C grade and 2 credits in MUS 47411 or 47511 or 47611 or 47711; and music or music education major; and junior standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter

MUS 43241  MARCHING BAND TECHNIQUES AND LITERATURE  1 Credit Hour
Organization, administration and techniques of marching bands in the schools. Topics covered include musical styles, literature and show design.
Prerequisite: Music education major; and sophomore standing.
Schedule Type: Combined Lecture and Lab, Combined Lec/Lab-Open Learning
Contact Hours: 1 lab
Grade Mode: Standard Letter

MUS 43242  JAZZ ENSEMBLE TECHNIQUES AND LITERATURE  2 Credit Hours
Study of the curriculum for the jazz ensemble, including organizational and administrative procedures. Emphasis on music interpretation jazz styles and rehearsal techniques taught through laboratory experience.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 43243  CONTEMPORARY CHORAL METHODS IN THE SCHOOLS  3 Credit Hours
(Slashed with MUS 53243) Basic techniques and materials for teaching vocal jazz and musical theatre in the schools. Administration, organization and publicity for productions as well as literature for these performing groups will be explored.
Prerequisite: Music education major or music major; and junior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 43245  JAZZ ENSEMBLE TECHNIQUES AND LITERATURE  1 Credit Hour
(Slashed with MUS 53245) Study of the curriculum for the jazz ensemble, including organizational and administrative procedures. Emphasis on music interpretation of jazz styles and rehearsal techniques taught through laboratory experiences. One hour of field observation is required.
Prerequisite: Special approval.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 43264  METHODS IN ROCK BAND PERFORMANCE AND PEDAGOGY  3 Credit Hours
(Slashed with MUS 53264) In this course, students will participate in small rock ensembles and will examine the pedagogy of that type of ensemble. Lectures and demonstrations will include topics such as equipment selection, repertoire selection, and performance techniques. An additional emphasis of this course will be techniques for amplifying rock ensembles. Students will also learn fundamental techniques for recording rock ensembles.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 43265  METHODS IN JAZZ PERFORMANCE AND PEDAGOGY  3 Credit Hours
(Slashed with MUS 53265) In this course, students will participate in immersive experiences in various aspects of vocal and instrumental jazz: solo performing, ensemble rehearsal techniques, repertoire selection and sources, jazz theory, improvisation, working with a rhythm section, and sound reinforcement. Students will also participate in a workshop ensemble to experience the art form as a member of a jazz ensemble.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 44111  ADVANCED CHORAL CONDUCTING  3 Credit Hours
Continued development of conducting technique, score reading analysis, styles, interpretation, rehearsal procedure, diction issues as they relate to conducting and pedagogy, and arranging voice-part adaptation for choral ensembles. Six field or clinical hours are required.
Prerequisite: Minimum C grade in MUS 21111, MUS 34111 and MUS 37113.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
MUS 44121 ADVANCED INSTRUMENTAL CONDUCTING 3 Credit Hours  
Continued development of conducting technique, score reading analysis, styles, interpretation, rehearsal procedure and arranging for instrumental organizations. Six field or clinical hours are required.  
Prerequisite: MUS 21111 and MUS 34111 with a minimum C grade.  
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter

MUS 44211 INSTRUMENTAL METHODS I 2 Credit Hours  
Elementary and middle school instrumental instruction, program organization, rehearsal teaching techniques, lesson plans, literature, assessment, scheduling, recruiting, modeling and interactive teaching. Clinical experience in the teaching of music. Thirty (30) field hours required.  
Prerequisite: Admission to advanced study; and MUS 23241 with a minimum C grade; and minimum C grade and 2 credits in MUS 47412, MUS 47512, MUS 47513, MUS 47612 or MUS 47712; and music or music education major; and completion of the music education professional evaluation; and junior standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 1 lecture, 3 lab  
Grade Mode: Standard Letter

MUS 44212 INSTRUMENTAL METHODS II 2 Credit Hours  
Secondary instrumental instruction; program organization, budget, advocacy, assessment, rehearsal planning, literature and teaching techniques. Clinical experience in the teaching of music. Thirty (30) field hours required.  
Prerequisite: Admission to advanced study; and minimum C grade in MUS 23241, MUS 34111 and MUS 44211; and minimum C grade in either MUS 47412, MUS 47512, MUS 47513, MUS 47612 or MUS 47712; and completion of the music education professional evaluation; and junior standing.  
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab  
Contact Hours: 1 lecture, 3 lab  
Grade Mode: Standard Letter

MUS 45111 UNIVERSITY CHOIR 1 Credit Hour  
(Repeatable for credit) Study and performance of choral music from Renaissance through contemporary styles, large and small forms with appropriate accompaniment.  
Prerequisite: Special approval.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 3 other  
Grade Mode: Standard Letter  
Attributes: TAG Arts and Humanities

MUS 45121 KENT CHORUS 1 Credit Hour  
(Repeatable for credit) Study and performance of choral music from Renaissance through contemporary styles, large and small forms with appropriate accompaniment.  
Prerequisite: Special approval.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2.5 other  
Grade Mode: Standard Letter  
Attributes: TAG Arts and Humanities

MUS 45131 OPERA: SINGER-ACTOR TECHNIQUES 1 Credit Hour  
(Repeatable for credit) Training in methods and skills necessary to the art of the singer-actor. Opera performed and prepared via study observation and rehearsal.  
Prerequisite: Audition.  
Schedule Type: Studio  
Contact Hours: 9.5 other  
Grade Mode: Standard Letter

MUS 45141 KENT STATE UNIVERSITY CHORALE 1 Credit Hour  
(Repeatable for credit) Training in methods and skills necessary to the art of the singer-actor. Opera performed and prepared via study observation and rehearsal.  
Prerequisite: Audition.  
Schedule Type: Laboratory  
Contact Hours: 2.5 other  
Grade Mode: Standard Letter  
Attributes: TAG Arts and Humanities

MUS 45142 CORO CANTARE 1 Credit Hour  
(Repeatable for credit) (Slashed with MUS 55142) A chorus of tenor, baritone and bass voices. Open to all students regardless of gender identity. Emphasis on music literacy, vocal production instruction, study and performance of music written for tenor, baritone and bass voices. The group performs choral literature spanning many centuries and reflecting diverse cultures. Experience with mixed-voice choirs also occurs. Audition required.  
Prerequisite: None.  
Schedule Type: Laboratory  
Contact Hours: 3 lab  
Grade Mode: Standard Letter  
Attributes: TAG Arts and Humanities

MUS 45143 CANTIQUE 1 Credit Hour  
(Repeatable for credit) (Slashed with MUS 55143) A chorus of soprano and alto voices. Open to all students regardless of gender identity. Emphasis on music literacy, vocal production instruction, study and performance of music written for soprano and alto voices. The group performs choral literature spanning many centuries and reflecting diverse cultures. Experience with mixed-voice choirs also occurs. Audition required.  
Prerequisite: None.  
Schedule Type: Laboratory  
Contact Hours: 3 lab  
Grade Mode: Standard Letter  
Attributes: TAG Arts and Humanities

MUS 45151 KENT STATE UNIVERSITY GOSPEL CHOIR 1 Credit Hour  
(Repeatable for credit) Study and performance of choral music in the gospel tradition, including works by contemporary artists. One weekly rehearsal and a minimum of one concert per semester. Off-campus concerts are possible.  
Prerequisite: None.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 other  
Grade Mode: Standard Letter  
Attributes: TAG Arts and Humanities
MUS 45212  ORCHESTRA  1 Credit Hour
(Slashed with MUS 55212 and MUS 75212) (Repeatable for credit) A select group of instrumentalists assembled for the purpose of studying and performing orchestral music. Open to all KSU students, regardless of major. An audition is required.
Prerequisite: None.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 6 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 45221  SYMPHONY BAND  1 Credit Hour
(Repeatable for credit) Study and performance of music literature for wind band.
Prerequisite: Audition.
Schedule Type: Studio
Contact Hours: 4 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 45212  ORCHESTRA  1 Credit Hour
(Slashed with MUS 55212 and MUS 75212) (Repeatable for credit) A select group of instrumentalists assembled for the purpose of studying and performing orchestral music. Open to all KSU students, regardless of major. An audition is required.
Prerequisite: None.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 6 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 45222  MARCHING BAND  1 Credit Hour
(Repeatable for credit) Study and performance of literature and maneuvers for marching band.
Prerequisite: Audition.
Schedule Type: Combined Lecture and Lab
Contact Hours: 6 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 45223  WIND ENSEMBLE  1 Credit Hour
(Slashed with MUS 55223 and MUS 75223) (Repeatable for credit) A select concert ensemble that performs the finest in wind instrument literature with emphasis on major original works. Open to all KSU students, regardless of major. An audition is required.
Prerequisite: None.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 4 other
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 45224  FLASHER BRASS  1 Credit Hour
(Repeatable for credit) Study and performance of music for Flasher Brass.
Prerequisite: Audition.
Schedule Type: Studio
Contact Hours: 4 other
Grade Mode: Standard Letter

MUS 45225  UNIVERSITY BAND  1 Credit Hour
(Repeatable for credit) Study and performance of music literature for wind band appropriate for non-music majors, and for music education majors performing on secondary instruments.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Standard Letter
Attributes: TAG Arts and Humanities

MUS 45231  JAZZ ENSEMBLE  1 Credit Hour
(Repeatable for credit) Study and performance of music literature in the jazz idiom.
Prerequisite: Audition.
Schedule Type: Combined Lecture and Lab
Contact Hours: 7.5 other
Grade Mode: Standard Letter

MUS 45241  TROMBONE ENSEMBLE  1 Credit Hour
(Repeatable for credit) A thorough study of trombone performance in various sized ensembles. Emphasis on original literature from over four centuries.
Prerequisite: Audition.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 45251  PERCUSSION ENSEMBLE  1 Credit Hour
(Repeatable for credit) A comprehensive study of percussion performance in various-sized ensembles. Use of keyboard percussion instruments along with drums and accessories. Study of percussion ensemble literature.
Prerequisite: Audition.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 45271  NEW MUSIC ENSEMBLE  1 Credit Hour
(Repeatable for credit) The study and performance of 20th- and 21st-century chamber music with an emphasis on works by contemporary composers.
Prerequisite: Permission.
Schedule Type: Studio
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 45281  FLUTE ENSEMBLE  1 Credit Hour
(Repeatable for credit) Study and performance of music for multiple flutes; emphasis upon all aspects of ensemble playing and style considerations will be addressed in both chamber and conducted formats.
Prerequisite: Permission audition.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 45311  CHAMBER MUSIC  1,2 Credit Hour
(Repeatable for credit) The study and performance of music for small ensembles. Music minors and other non-music majors may take this course with permission.
Prerequisite: Music major or music education major.
Schedule Type: Studio
Contact Hours: 2-4 other
Grade Mode: Standard Letter

MUS 45312  JAZZ COMBO DEVELOPMENT  1 Credit Hour
(Repeatable for a total of 8 credit hours) The study of Jazz combo performance through rehearsal.
Prerequisite: Special approval.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Standard Letter
MUS 45313 NOVA JAZZ SINGERS 1 Credit Hour
(Repeatable for credit) The Kent State Nova Jazz Singers is a select vocal jazz ensemble. Repertoire consists of arrangements of American popular music from the 1930s to today, covering all contemporary styles. Nova Jazz Singers is open to all Kent State students by audition.
Prerequisite: Special approval.
Schedule Type: Studio
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 45321 ACCOMPANYING 1,2 Credit Hour
(Repeatable for credit) Accompanying instrumental and vocal soloists; piano ensemble works. Credit counted toward ensemble requirements. One hour credit for two hours of assigned accompanying weekly.
Prerequisite: Permission.
Schedule Type: Private Lesson, Studio
Contact Hours: 1-2 other
Grade Mode: Standard Letter

MUS 46111 APPLIED MUSIC-PIANO 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1-5-2 other
Grade Mode: Standard Letter

MUS 46311 APPLIED MUSIC-VOICE 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46411 APPLIED MUSIC-VIOLIN 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46412 APPLIED MUSIC-VIOLA 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46413 APPLIED MUSIC-CELLO 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46414 APPLIED MUSIC-DOUBLE BASS 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46511 APPLIED MUSIC-FLUTE 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major; and special approval.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46512 APPLIED MUSIC-OBOE 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major; and special approval.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46513 APPLIED MUSIC-CLARINET 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major; and special approval.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46514 APPLIED MUSIC-BASSOON 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major; and special approval.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46515 APPLIED MUSIC-SAXOPHONE 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major; and special approval.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46611 APPLIED MUSIC-TRUMPET 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

One hour credit for two hours of assigned accompanying weekly. Credit counted toward ensemble requirements.
MUS 46612 APPLIED MUSIC-HORN 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46613 APPLIED MUSIC-TROMBONE 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46614 APPLIED MUSIC-EUPHONIUM 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 46615 APPLIED MUSIC-TUBA 2,4 Credit Hours
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.
Prerequisite: Music or music education major.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 467013 CLASS GUITAR II 2 Credit Hours
Continued development of acoustic guitar performance skills, study of performance related theory and related topics.
Prerequisite: MUS 47012.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 47311 VOICE CLASS FOR THE INSTRUMENTALIST 1 Credit Hour
Class instruction in the fundamentals of correct breathing, tone production and diction.
Prerequisite: None.
Schedule Type: Studio
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 47312 VOICE CLASS FOR NON-MUSIC STUDENTS 1 Credit Hour
Class instruction in the fundamentals of correct breathing, tone production and diction.
Prerequisite: None.
Schedule Type: Studio
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 47313 WIND TECHNIQUES - FRENCH HORN AND DOUBLE REEDS 1 Credit Hour
A discussion and practice of basic principles of classroom string playing, instrumental pedagogy, and group process as applied to public school music settings. This course is devoted to string teaching and learning in pre-service music education training.
Prerequisite: Music or music education major.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 47512 WIND TECHNIQUES - FLUTE, CLARINET, SAXOPHONE 1 Credit Hour
The study of the fundamental principles of playing and teaching French horn, oboe, and bassoon. Content includes performance skill development, and a survey of materials and method books suitable for class and private instruction. The overall objective is to develop an elementary skill level of performance on the instruments and the pedagogical knowledge necessary to teach the instruments in elementary through secondary levels.
Prerequisite: Music or music education major.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 47513 WIND TECHNIQUES - GUITAR, BASS, AND PERCUSSION 1 Credit Hour
Development of basic guitar performance skills.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
MUS 47612 WIND TECHNIQUES - TRUMPET AND LOW BRASS 1
Credit Hour
The study of the fundamental principles of playing trumpet, trombone, tuba, and euphonium. Content includes performance skill development, and a survey of materials and method books suitable for class and private instruction. The overall objective is to develop an elementary skill level of performance on the instruments and the pedagogical knowledge necessary to teach the instruments in elementary through secondary school levels.
Prerequisite: Music or music education major.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 47712 PERCUSSION CLASS 1 Credit Hour
Study of various percussion instruments (mallets, snare drum, timpani and auxiliary) and techniques of performance. Designed for music educator with no previous percussion experience.
Prerequisite: Music or music education major.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 47811 INSTRUMENT CLASS FOR THE CHORAL/GENERAL MUSIC EDUCATOR 1 Credit Hour
Class instruction in the basic playing skills of band and orchestral instruments intended to provide familiarity with the common school instruments for the choral-general music major. Ten (10) hours of field experience required.
Prerequisite: Music or music education major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

MUS 48221 ELEMENTS OF ACCOMPANYING I 2 Credit Hours
Techniques of accompanying; selected overview of art song literature including Italian, German, French and English songs development of playing at sight skills.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 48222 ELEMENTS OF ACCOMPANYING II 2 Credit Hours
Continuation of accompanying techniques including opera accompanying, orchestral reductions and selected overview of literature for solo instrument and piano; continuation of playing-at-sight skills.
Prerequisite: MUS 48221 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 48231 INSTRUMENTAL PEDAGOGY FOR THE CHORAL GENERAL MUSIC EDUCATOR 2 Credit Hours
Knowledge and techniques for building and maintaining an instrumental music program within the K-12 school setting for the choral general music education major. Ten (10) hours of field experience required.
Prerequisite: MUS 47811 with a minimum C grade; and music education major.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 48232 GENERAL MUSIC PEDAGOGY FOR THE INSTRUMENTALIST 1 Credit Hour
General music pedagogy techniques for the instrumental music education major. Clinical experiences in the teaching of general music. Ten (10) field hours required.
Prerequisite: MUS 37114 with a minimum C grade; and music education major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

MUS 48233 CHORAL MUSIC PEDAGOGY FOR THE INSTRUMENTALIST 1 Credit Hour
Choral pedagogy techniques and choral program development for the instrumental music education major. Clinical experiences in the teaching of choral music. Ten (10) field hours required.
Prerequisite: MUS 47311 with a minimum C grade; and music education major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

MUS 48241 VOICE PEDAGOGY 2 Credit Hours
Survey of techniques, practices and materials of teaching voice.
Prerequisite: Permission.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 48251 PEDAGOGY OF MUSIC THEORY 2 Credit Hours
The principles and techniques of teaching music theory.
Prerequisite: MUS 21112 with a minimum C grade; and special approval.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 48257 PEDAGOGY-INSTRUMENTAL 2 Credit Hours
Principles and techniques of instruction. Literature survey. Analysis of instrumental problems and performance practice. Offered as needed for strings woodwinds brass percussion organ, or guitar.
Prerequisite: Permission.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 48311 PIANO PEDAGOGY I 2 Credit Hours
Individual and group piano teaching including teaching methods and the history of piano pedagogy.
Prerequisite: Music or music education major; and junior standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 48312 PIANO PEDAGOGY II 2 Credit Hours
Individual and group piano teaching. Building an independent studio and career networking.
Prerequisite: MUS 48311 with a minimum C grade; and music major.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
MUS 48393 VARIABLE TITLE WORKSHOP IN MUSIC 1-4 Credit Hours
(Repeatable for credit) Offered for specific professional needs. Emphasis on performance and pedagogical skills.
Prerequisite: Permission.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

MUS 48512 IMPROVISATION 1 Credit Hour
The development of musical improvisation skills not tied to any particular music style. Students will perform on their own applied instrument(s).
Prerequisite: MUS 21111 with a minimum C grade.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

MUS 48598 MUSIC RESEARCH (ELR) 2,3 Credit Hours
(Repeated registration permitted) Research or individual investigation for undergraduate students.
Prerequisite: Permission.
Schedule Type: Research
Contact Hours: 2-3 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

MUS 49525 SEMINAR FOR STUDENT TEACHING (ELR) 3 Credit Hours
(Slashed with MUS 59525) A capstone discussion of principles of music teaching and pragmatic understanding of school music settings. Seminar serves as the companion course to Student Teaching for the purpose of self-observation, reflection, and analysis. Development of edTPA and portfolio.
Prerequisite: Music education major; and senior standing; and special approval.
Corequisite: MUS 42357.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

MUS 50295 SPECIAL TOPICS IN MUSIC 1-3 Credit Hours
(Repeatable for credit) Academic study in areas not offered adequately in the music curriculum. Topic areas are of special interest to the faculty member.
Prerequisite: Music major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

MUS 50296 INDEPENDENT STUDY: MUSIC 1-3 Credit Hours
(Repeatable for credit) Individual investigation in music topics not offered as either regular coursework or beyond the scope of existing music major courses.
Prerequisite: Music major; and graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

MUS 51131 KEYBOARD HARMONY 3 Credit Hours
Theoretical skills demonstrated at the keyboard. Harmonization of melodies in homophonic style, realization of figured bass, score reading, modulation and improvisation.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 51141 16TH-CENTURY COUNTERPOINT 3 Credit Hours
Two-, three- and four-part vocal counterpoint in 16th century style.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 51151 18TH-CENTURY COUNTERPOINT 3 Credit Hours
Technique of writing counterpoint in 18th-century style especially that of J. S. Bach.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 51211 COMPOSITION 2 Credit Hours
(Repeatable for credit) Study of the materials and techniques of composition culminating in original compositions based upon observable principles of unity and variety.
Prerequisite: Graduate standing.
Schedule Type: Private Lesson, Studio
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 51321 ORCHESTRATION 3 Credit Hours
Ranges, tonal possibilities, technical limitations and transpositions for all orchestral instruments. Scoring techniques and analysis of representative instrumental ensemble repertoire.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 51341 JAZZ IMPROVISATION 1 Credit Hour
The development of the art of jazz improvisation through performance and analysis.
Prerequisite: Graduate standing.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

MUS 51342 JAZZ ARRANGING 2 Credit Hours
Arranging for the large and small jazz ensemble.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52111 AFRICAN MUSIC AND CULTURES 3 Credit Hours
African music as related to social sciences and humanities. Oral traditions. Use of music recordings, tapes, musical instruments. Participation in performance and group work involvement.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MUS 52131  AMERICA'S MUSIC  3 Credit Hours
Historical survey of music in America from New England psalmody to present-day compositional trends.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52141  FOLK MUSIC OF EUROPE AND NORTH AMERICA  3 Credit Hours
(Slashed with MUS 42141) Study of selected music cultures of Eastern and Western Europe, and South, Central and North America.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52151  ASIAN MUSICS  3 Credit Hours
Survey of Asian musics. Emphasis on art, folk and popular musics and relationships of these musics to their respective cultures.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52161  HISTORY OF JAZZ  3 Credit Hours
The evolution of jazz from its origins to the present.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52171  MUSIC FROM WORLD CULTURES  3 Credit Hours
Study of selected art, folk and popular music from world cultures with emphasis on listening skills, cultural context, function, organology and technical matters of style.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52181  POPULAR WORLD MUSIC  3 Credit Hours
A survey of popular world music genres from North America, the Caribbean, South America, Europe, Africa, and Asia. Emphasis is on recognizing music literature, prominent artists and music styles, as well as related cultural events. Graduate level introduces cultural theory related to popular studies. Modern media, especially the Internet, is an integral component of the course.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52211  SYMPHONIC LITERATURE  3 Credit Hours
Historical and stylistic survey of music for large instrumental ensemble.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52221  PIANO LITERATURE I  2 Credit Hours
Survey of keyboard and piano suites, sonatas and concerti from the 16th century to the present. Emphasis on performing, listening and analysis.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 52241  SONG LITERATURE  3 Credit Hours
A study of vocal literature from the 16th century to the present. Emphasis upon the style, interpretation and presentation of solo materials for all voice classifications.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52251  PIANO LITERATURE II  2 Credit Hours
Survey of character pieces and variations from the 16th century to the present. Emphasis on performing, listening and analysis.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 52261  HISTORY OF OPERA  3 Credit Hours
The historical development of opera from the 17th century to the present. Detailed analysis of representative works.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52271  CHORAL LITERATURE I  3 Credit Hours
(Slashed with MUS 42271) Study of Western European choral literature from approximately 1450 to early 19th century (Renaissance, Baroque and Classical periods).
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52272  CHORAL LITERATURE II  3 Credit Hours
(Slashed with MUS 42272) Continuation of Choral Literature I. A study of Western European and North American choral music of the early 19th century to the present (roughly 1830 to present).
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 52357  STUDENT TEACHING  9 Credit Hours
Provides a 16-week student teaching experience. Off-campus arrangements are handled by the College of Education, Health and Human Services and the School of Music and Official valid certification of Child Safety Training, approved Basic Life Support and ALICE. Training must be presented to the campus office of clinical experience as prerequisite for student teaching.
Prerequisite: Graduate standing and special approval.
Corequisite: MUS 59525.
Schedule Type: Practicum or Internship
Contact Hours: 35 other
Grade Mode: Standard Letter
MUS 53241 MARCHING BAND TECHNIQUES AND LITERATURE 1 Credit Hour
Organization, administration and techniques of marching bands in the schools. Topics covered include musical styles, literature and show design.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 1 lab
Grade Mode: Standard Letter

MUS 53242 JAZZ ENSEMBLE TECHNIQUES 2 Credit Hours
Study of the curriculum for the jazz ensemble, including organizational and administrative procedures. Emphasis on music interpretation, jazz styles and rehearsal techniques taught through laboratory experience.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 53243 CONTEMPORARY CHORAL METHODS IN THE SCHOOLS 3 Credit Hours
(Slashed with MUS 43243) Basic techniques and materials for teaching vocal jazz and musical theatre in the schools. Administration, organization and publicity for productions as well as literature for these performing groups will be explored.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 53245 JAZZ ENSEMBLE TECHNIQUES AND LITERATURE 1 Credit Hour
(Slashed with MUS 43245) Study of the curriculum for the jazz ensemble, including organizational and administrative procedures. Emphasis on music interpretation, jazz styles, and rehearsal techniques taught through laboratory experience. One hour of field observation is required.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 53264 METHODS IN ROCK BAND PERFORMANCE AND PEDAGOGY 3 Credit Hours
(Slashed with MUS 43264) In this course, students will participate in small rock ensembles and will examine the pedagogy of that type of ensemble. Lectures and demonstrations will include topics such as equipment selection, repertoire selection, and performance techniques. An additional emphasis of this course will be techniques for amplifying rock ensembles. Students will also learn fundamental techniques for recording rock ensembles.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 53265 METHODS IN JAZZ PERFORMANCE AND PEDAGOGY 3 Credit Hours
(Slashed with MUS 43265) In this course, students will participate in immersive experiences in various aspects of vocal and instrumental jazz: solo performing, ensemble rehearsal techniques, repertoire selection and sources, jazz theory, improvisation, working with a rhythm section, and sound reinforcement. Students will also participate in a workshop ensemble to experience the art form as a member of a jazz ensemble.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 55121 KENT CHORUS 1 Credit Hour
(Repeatable for credit) Study and performance of choral music from Renaissance through contemporary styles, large and small forms with appropriate accompaniment.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2.5 other
Grade Mode: Standard Letter

MUS 55131 OPERA: SINGER-ACTOR TECHNIQUES 1 Credit Hour
(Repeatable for credit) A course designed to give the young singing actor practical operatic experience in the performance of portions of or complete operas.
Prerequisite: Graduate standing.
Schedule Type: Studio
Contact Hours: 9.5 other
Grade Mode: Standard Letter

MUS 55141 KENT STATE UNIVERSITY CHORALE 1 Credit Hour
(Repeatable for credit) Study and performance of literature for vocal chamber ensemble from medieval through contemporary styles sung in the original language with appropriate accompaniment. An audition in required before registering for this course.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Combined Lecture and Lab
Contact Hours: 4.5 other
Grade Mode: Standard Letter

MUS 55142 CORO CANTARE 1 Credit Hour
(Repeatable for credit) A chorus of tenor, baritone and bass voices. Open to all students regardless of gender identity. Emphasis on music literacy, vocal production instruction, study and performance of music written for tenor, baritone and bass voices. The group performs choral literature spanning many centuries and reflecting diverse cultures. Experience with mixed-voice choirs also occurs. Audition required.
Prerequisite: Graduate standing.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter
MUS 55143  CANTIQUE  1 Credit Hour
(Repeatable for credit) (Slashed with MUS 45143) A chorus of soprano and alto voices. Open to all students regardless of gender identity. Emphasis on music literacy, vocal production instruction, study and performance of music written for soprano and alto voices. The group performs choral literature spanning many centuries and reflecting diverse cultures. Experience with mixed-voice choirs also occurs. Audition required.
Prerequisite: Graduate standing.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 55151  KENT STATE UNIVERSITY GOSPEL CHOIR  1 Credit Hour
(Repeatable for credit) Study and performance of choral music in the gospel tradition, including works by contemporary artists. One weekly rehearsal and a minimum of one concert per semester. Off-campus concerts are possible.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 55212  ORCHESTRA  1 Credit Hour
(Repeatable for credit) (Slashed with MUS 45212 and MUS 75212) A select group of instrumentalists assembled for the purpose of studying and performing orchestral music. Open to all KSU students, regardless of major. An audition is required.
Prerequisite: Graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 6 other
Grade Mode: Standard Letter

MUS 55221  SYMPHONY BAND  1 Credit Hour
(Repeatable for credit) Study and performance of music literature for wind band.
Prerequisite: Graduate standing.
Schedule Type: Studio
Contact Hours: 4 other
Grade Mode: Standard Letter

MUS 55222  MARCHING BAND  1 Credit Hour
(Repeatable for a maximum of 6 credit hours) Study and performance of literature and maneuvers for marching band.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 6 other
Grade Mode: Standard Letter

MUS 55223  WIND ENSEMBLE  1 Credit Hour
(Repeatable for credit) A select concert ensemble that performs the finest in wind instrument literature with emphasis on major original works. An audition in required before registering for this course.
Prerequisite: Graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 4 other
Grade Mode: Standard Letter

MUS 55231  JAZZ ENSEMBLE  1 Credit Hour
(Repeatable for credit) Study and performance of music literature in the jazz idiom.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 7.5 other
Grade Mode: Standard Letter

MUS 55241  TROMBONE ENSEMBLE  1 Credit Hour
(Repeatable for credit) A thorough study of trombone performance in various size ensembles. Emphasis on original literature from over four centuries.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 55251  PERCUSSION ENSEMBLE  1 Credit Hour
(Repeatable for credit) A comprehensive study of percussion performance in various size ensembles. Use of keyboard percussion instruments along with drums and accessories. Study of percussion ensemble literature.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 5 other
Grade Mode: Standard Letter

MUS 55261  BASSOON ENSEMBLE  1 Credit Hour
(Repeatable for credit) Study and performance of music for multiple bassoons; emphasis upon refined ensemble playing, interpretation, leadership skills and arranging techniques.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 55271  NEW MUSIC ENSEMBLE  1 Credit Hour
(Repeatable for credit) Study and performance of 20th- and 21st-century chamber music with an emphasis on works by contemporary composers.
Prerequisite: Graduate standing.
Schedule Type: Studio
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 55281  FLUTE ENSEMBLE  1 Credit Hour
(Repeatable for credit) Study and performance of music for multiple flutes; emphasis upon all aspects of ensemble playing and style considerations will be addressed in both chamber and conducted formats.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 other
Grade Mode: Standard Letter

MUS 55311  CHAMBER MUSIC  1,2 Credit Hour
(Repeatable for credit) The study and performance of music for small ensembles.
Prerequisite: Graduate standing.
Schedule Type: Studio
Contact Hours: 2-4 other
Grade Mode: Standard Letter
MUS 55312  WORLD MUSIC ENSEMBLE  1 Credit Hour
(Course is repeatable for a maximum of 8 credit hours) The World Music Ensemble teaches performance and cultural etiquette associated with traditional and popular world music genres, e.g., African drumming. Specific traditions studied include areas of specialization of instructors and or advanced student participants.
Prerequisite: Graduate standing.
Schedule Type: General Lecture
Contact Hours: 3-4 Other
Grade Mode: Standard Letter

MUS 55321  ACCOMPANYING  1,2 Credit Hour
(Repeatable for credit) Accompanying instrumental and vocal soloists; piano ensemble works. Credit counted toward ensemble requirements. One hour credit for two hours of assigned accompanying weekly.
Prerequisite: Graduate standing.
Schedule Type: Private Lesson, Studio
Contact Hours: 1-2 Other
Grade Mode: Standard Letter

MUS 58241  VOICE PEDAGOGY  2 Credit Hours
Survey of techniques, practices and materials of teaching voice.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 Lecture
Grade Mode: Standard Letter

MUS 58251  PEDAGOGY OF MUSIC THEORY  2 Credit Hours
(Repeatable with MUS 78251) The principles and techniques of teaching music theory.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 Lecture
Grade Mode: Standard Letter

MUS 58257  PEDAGOGY-INSTRUMENTAL  2 Credit Hours
Principles and techniques of instruction. Literature survey. Analysis of instrumental problems and performance practice. Offered as needed for strings, woodwinds, brass, percussion, organ or guitar.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 Lecture
Grade Mode: Standard Letter

MUS 58393  VARIABLE TITLE WORKSHOP IN MUSIC  1-4 Credit Hours
(Repeatable for credit) Offered for specific professional needs. Emphasis on performance and pedagogical skills.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-4 Other
Grade Mode: Satisfactory/Unsatisfactory

MUS 58611  ADVANCED SINGER'S DICTION I  1 Credit Hour
Advanced training and performance practice in phonetics and singing diction for English and Italian vocal repertoire. Emphasis on learning and application of International Phonetic Alphabet symbols.
Prerequisite: Graduate standing.
Schedule Type: Laboratory
Contact Hours: 2 Lab
Grade Mode: Standard Letter

MUS 58612  ADVANCED SINGER'S DICTION II  1 Credit Hour
Advanced training and performance practice in phonetics and singing diction for German and French vocal repertoire. Emphasis on learning and application of International Phonetic Alphabet symbols.
Prerequisite: Graduate standing.
Schedule Type: Laboratory
Contact Hours: 2 Lab
Grade Mode: Standard Letter

MUS 59525  SEMINAR FOR STUDENT TEACHING  3 Credit Hours
(Slashed with MUS 49525) A capstone discussion of principles of music teaching and pragmatic understanding of school music settings. Seminar serves as the companion course to Student Teaching for the purpose of self-observation, reflection, and analysis. Development of edTPA and portfolio.
Prerequisite: Graduate standing; and special approval.
Corequisite: MUS 52357.
Schedule Type: Lecture
Contact Hours: 3 Lecture
Grade Mode: Standard Letter

MUS 61121  HISTORY OF MUSIC THEORY  3 Credit Hours
(Cross-listed with MUS 71121) A study of the history of Western music theory from the ancient Greeks to the twentieth century.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 Lecture
Grade Mode: Standard Letter

MUS 61131  SCHENKERIAN ANALYSIS  3 Credit Hours
An introduction to musical analysis according to the principles expounded by Heinrich Schenker and later exponents of his ideas.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 Lecture
Grade Mode: Standard Letter

MUS 61170  MUSIC ANALYSIS  3 Credit Hours
Selected analytical techniques applied to music from the tonal and post-tonal repertoire. Emphasis on the development of harmonic language and overall formal structures.
Prerequisite: Music education major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 Lecture
Grade Mode: Standard Letter

MUS 61171  ANALYTICAL TECHNIQUES I  2 Credit Hours
The application of standard analytical techniques to works of various style periods.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 Lecture
Grade Mode: Standard Letter

MUS 61172  ANALYTICAL TECHNIQUES II  2 Credit Hours
The application of standard analytical techniques to works of various style periods.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 Lecture
Grade Mode: Standard Letter
MUS 61173 WORLD MUSIC ANALYSIS  2 Credit Hours
Analysis of world music traditions. Analyze and articulate knowledge regarding musical elements, such as timbre, tuning, improvisation, sound patterns, compositional form, and performance techniques of music genres studied. Development of listening and transcription skills as they relate to world music.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture, 3 lab
Grade Mode: Standard Letter

MUS 61181 POST-TONAL THEORY  3 Credit Hours
A study of the analysis, theories, and compositional strategies applied to the music composed after 1900.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 61191 SEMINAR IN MUSIC SINCE 1900  3 Credit Hours
(Slashed with MUS 71191) (Repeatable for a maximum of 6 credit hours) Study of analytical techniques and procedures appropriate for the major musical styles of the period. Study of representative compositions through applied analysis. Individual projects in areas of particular interest to the student.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 61211 COMPOSITION  2,4 Credit Hours
(Repeatable for credit) Original composition using longer forms of music for diverse media including multimedia and electronic composition.
Prerequisite: Graduate standing.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 61331 BAND ARRANGING  2 Credit Hours
Arranging in traditional and contemporary styles for the wind ensemble, concert band and/or marching band.
Prerequisite: MUS 51331; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 62227 HISTORY AND LITERATURE OF THE WIND BAND  2 Credit Hours
Historical survey of wind band literature and the development of the ensemble.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 62281 SEMINAR IN MUSIC HISTORY AND LITERATURE  3 Credit Hours
(Repeatable for credit) Selected problems of research in music history and literature. Each student will be responsible for presenting papers for discussion.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 62411 MUSIC BIBLIOGRAPHY AND RESEARCH METHODS  2 Credit Hours
Study of techniques of music research and creative musical writing including special projects, reports and readings. This course is a hybrid course consisting of both in-class meetings and discussions, as well as online interaction and discussion boards.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 62412 INTRODUCTION TO ETHNOMUSICOLOGY  3 Credit Hours
A study of the history, concepts and methods of ethnomusicology, techniques of field research, transcription, analysis and bibliography.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 62413 ADVANCED FIELD AND LAB METHODS IN ETHNOMUSICOLOGY  3 Credit Hours
Development of professional level research skills in all media of field documentation, transcription, analysis and scholarly writing. Study of current related issues in ethnomusicology.
Prerequisite: MUS 62412.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 62414 ISSUES AND TRENDS IN ETHNOMUSICOLOGY  2 Credit Hours
This course studies various issues and trends in the field of ethnomusicology, from its inception to present. The focus centers on intensive discussion of theories, philosophies and paradigms that have dominated the scrutiny of music over the decades and their application in analysis, fieldwork and lab method.
Prerequisite: MUS 62412; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 62451 INTRODUCTION TO MUSICOLOGY  3 Credit Hours
Techniques of music research and creative musical writing including special projects, reports and readings.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 62511 MUSIC HISTORY I  2 Credit Hours
A study of Western music history from Jewish and medieval Roman practices through Josquin, as well as selected common-practice period applications.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 62521 MUSIC HISTORY II  2 Credit Hours
A study of Western music history from the Reformation and Counter-Reformation through Bach and Handel.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MUS 62531  MUSIC HISTORY III  2 Credit Hours
A study of Western music history in the Rococo, Classical, and Romantic periods through Brahms and Wagner.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 62541  MUSIC HISTORY IV  2 Credit Hours
A study of Western music from Debussy and Mahler through the major trends and composers of the recent past.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 62601  SEMINAR IN MUSICS OF AFRICA  3 Credit Hours
(Slashed with MUS 72601) Specialized investigations of music cultures of Africa.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 62602  SEMINAR IN MUSICS OF THE AMERICAS  3 Credit Hours
Specialized investigation of music cultures of the Americas.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 62603  SEMINAR IN MUSICS OF THE MIDDLE EAST  3 Credit Hours
(Slashed with MUS 72603) Specialized investigation of music cultures of the Middle East.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 62604  SEMINAR IN MUSICS OF EAST ASIA  3 Credit Hours
Specialized investigation of music cultures of East Asia.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 62606  SEMINAR IN MUSICS OF SOUTHEAST ASIA  3 Credit Hours
(Slashed with MUS 72606) Specialized investigation of music cultures in Southeast Asia.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 63198  CAPSTONE PROJECT  4 Credit Hours
(Repeatable for credit) Working under the supervision of a capstone advisor, students demonstrate synthesis of knowledge through the development of curricular project applicable to student’s area of teaching.
Prerequisite: Graduate standing.
Schedule Type: Research
Contact Hours: 4 other
Grade Mode: Standard Letter-IP

MUS 63241  INQUIRY IN MUSIC TEACHING I  3 Credit Hours
Conducting and presenting assessment, evaluation, and research of music teaching and learning with emphasis on quantitative methodologies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63242  INQUIRY IN MUSIC TEACHING AND LEARNING II  3 Credit Hours
Conducting and presenting assessment, evaluation and research of music teaching and learning with emphasis on qualitative methodologies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63261  ADVANCED STUDIES IN TEACHING CHORAL MUSIC  3 Credit Hours
Development of teaching materials, an annotated choral repertory list and instructional strategies for choral music with emphasis on rehearsal procedures and analytical techniques.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63262  ADVANCED STUDIES IN TEACHING INSTRUMENTAL MUSIC  3 Credit Hours
Development of teaching materials, an annotated instrumental repertory list and instructional strategies for instrumental music with emphasis on rehearsal procedures and analytical techniques.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63263  ADVANCED STUDIES IN TEACHING GENERAL MUSIC  3 Credit Hours
Program development, inclusion, instructional materials and innovative teaching techniques for general music programs.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63273  PSYCHOLOGY OF MUSIC  3 Credit Hours
The study of music’s effect on human behavior including physiological and affective responses. Applications of music psychology to the teaching and learning of music will be explored.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MUS 63274  FOUNDATIONS OF MUSIC EDUCATION  3 Credit Hours
Study of the field of music education from perspectives of sociology, psychology, philosophy, curriculum, history and comparative curricula.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63283  RESEARCH IN MUSIC EDUCATION  3 Credit Hours
Introduction to research techniques in music education including topic selection, data collection analysis and interpretation, and presentation of information in written form.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63284  HISTORY OF MUSIC EDUCATION  3 Credit Hours
Study of historical approaches to music education with emphasis on significant people, places and events that have influenced music teaching and learning music.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63285  PHILOSOPHY OF MUSIC EDUCATION  3 Credit Hours
(Slashed with MUS 73285) Study of the philosophical foundations of music education with emphasis on the application of aesthetics to teaching and experiencing music.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 63286  SOCIOLOGY OF MUSIC EDUCATION  3 Credit Hours
Sociology in Music Education focuses on sociocultural issues in music teaching and learning. Students consider contexts of society, background, race, ethnicity, culture, diversity, and pluralism as applicable in music education situations.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 64111  CONDUCTING PROJECTS:ORCHESTRA  2,4 Credit Hours
(Repeatable for credit) Orchestra conducting techniques, score analysis, rehearsal procedures and study of musical style.
Prerequisite: Graduate standing.
Schedule Type: Private Lesson
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 64121  CONDUCTING PROJECTS:BAND  2,4 Credit Hours
(Repeatable for credit) Band conducting techniques, score analysis rehearsal procedures and study of musical style.
Prerequisite: Graduate standing.
Schedule Type: Private Lesson
Contact Hours: 1 other
Grade Mode: Standard Letter
MUS 66414  APPLIED MUSIC-GRADUATE DOUBLE BASS  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66511  APPLIED MUSIC-GRADUATE FLUTE  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66512  APPLIED MUSIC-GRADUATE OBOE  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66513  APPLIED MUSIC-GRADUATE CLARINET  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66514  APPLIED MUSIC-GRADUATE BASSOON  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66515  APPLIED MUSIC-GRADUATE SAXOPHONE  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66612  APPLIED MUSIC-GRADUATE HORN  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66613  APPLIED MUSIC-GRADUATE TROMBONE  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66615  APPLIED MUSIC-GRADUATE TUBA  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 66711  APPLIED MUSIC-GRADUATE PERCUSSION  2,4 Credit Hours  
(Repeatable for credit) A comprehensive study of performance, technique and repertoire appropriate to music majors and minors. Individual study. Students must audition to be accepted into this course.  
Prerequisite: Music major; and graduate standing.  
Schedule Type: Private Lesson, Studio  
Contact Hours: 1 other  
Grade Mode: Standard Letter  

MUS 68214  PIANO PEDAGOGY I  2 Credit Hours  
Individual and group piano teaching, including teaching methods and the history of piano pedagogy  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter  

MUS 68199  THESIS I  2-6 Credit Hours  
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.  
Prerequisite: Graduate standing.  
Schedule Type: Masters Thesis  
Contact Hours: 2-6 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

MUS 68214  PIANO PEDAGOGY I  2 Credit Hours  
Individual and group piano teaching, including teaching methods and the history of piano pedagogy  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter
MUS 68215  PIANO PEDAGOGY II  2 Credit Hours
Individual and group piano teaching. Building an independent studio and career networking.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 68299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: MUS 68199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

MUS 68687  RECITAL  1-3 Credit Hours
Required of all performance majors and music education majors who choose performance option.
Prerequisite: Graduate standing.
Schedule Type: Studio
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

MUS 71121  HISTORY OF MUSIC THEORY  3 Credit Hours
A study of the history of Western music theory from the ancient Greeks to the twentieth century.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 7151  18TH-CENTURY COUNTERPOINT  3 Credit Hours
Technique of writing counterpoint in 18th-century style especially that of J. S. Bach.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 71171  ANALYTICAL TECHNIQUES I  2 Credit Hours
The application of standard analytical techniques to works of various style periods.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 71181  POST-TONAL THEORY  3 Credit Hours
A study of the analysis, theories, and compositional strategies applied to the music composed after 1900.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 71195  SPECIAL PROJECTS IN THEORETICAL STUDIES  3 Credit Hours
(Repeatable for credit) Individual and class investigation into specific methods of analysis and their application to music in various styles.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 71331  BAND ARRANGING  2 Credit Hours
Arranging in traditional and contemporary styles for the wind ensemble, concert band and/or marching band.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MUS 72281 SEMINAR IN MUSIC HISTORY AND LITERATURE 3 Credit Hours
(Repeatable for credit) Selected problems of research in music history and literature. Each student will be responsible for presenting papers for discussion.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 72412 INTRODUCTION TO ETHNOMUSICOLOGY 3 Credit Hours
A study of the history, concepts and methods of ethnomusicology, techniques of field research, transcription analysis and bibliography.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 72413 ADVANCED FIELD AND LAB METHODS IN ETHNOMUSICOLOGY 3 Credit Hours
Development of professional level research skills in all media of field documentation, transcription analysis and scholarly writing. Study of current related issues in ethnomusicology.
Prerequisite: MUS 62412; and doctoral standing.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

MUS 72451 INTRODUCTION TO MUSICOLOGY 3 Credit Hours
Techniques of music research and creative musical writing including special projects, reports and readings.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 72511 MUSIC HISTORY I 2 Credit Hours
A study of Western music history from Jewish and medieval Roman practices through Josquin, as well as selected common-practice period applications.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 72521 MUSIC HISTORY II 2 Credit Hours
A study of Western music history from the Reformation and Counter-Reformation through Bach and Handel.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 72531 MUSIC HISTORY III 2 Credit Hours
A study of Western music history in the Rococo, Classical, and Romantic periods through Brahms and Wagner.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 72541 MUSIC HISTORY IV 2 Credit Hours
A study of Western music from Debussy and Mahler through the major trends and composers of the recent past.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 72601 SEMINAR IN MUSICS OF AFRICA 3 Credit Hours
(Slashed with MUS 62601) Specialized investigations of music cultures of Africa.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 72602 SEMINAR IN MUSICS OF THE AMERICAS 3 Credit Hours
Specialized investigation of music cultures of the Americas.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 72603 SEMINAR IN MUSICS OF THE MIDDLE EAST 3 Credit Hours
(Slashed with MUS 62603) Specialized investigation of music cultures of the Middle East.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 72604 SEMINAR IN MUSICS OF EAST ASIA 3 Credit Hours
Specialized investigation of music cultures of East Asia.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 72606 SEMINAR IN MUSICS OF SOUTHEAST ASIA 3 Credit Hours
(Slashed with MUS 62606) Specialized investigation of music cultures in Southeast Asia.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 72691 SEMINAR IN ETHNOMUSICOLOGY 3 Credit Hours
(Repeatable for credit) Specialized topics in ethnomusicology for advanced students.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 73261 ADVANCED STUDIES IN SECONDARY CHORAL AND GENERAL MUSIC 3 Credit Hours
Review curriculum in secondary general music and development of innovative teaching materials and strategies. Analytical techniques, rehearsal procedures, repertory suitable for secondary school choral ensembles.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MUS 73262 ADVANCED STUDIES IN INSTRUMENTAL MUSIC  3 Credit Hours
Study of curriculum, method techniques and materials in school instrumental music education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 73263 ADVANCED STUDIES IN GENERAL MUSIC FOR CHILDREN  3 Credit Hours
Study of trends in philosophy, curriculum and program development, instructional materials and innovative teaching techniques for elementary school and early childhood general music.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 73272 LEARNING THEORIES IN MUSIC  3 Credit Hours
Application of current theories of learning to the teaching and learning of music.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 73273 PSYCHOLOGY OF MUSIC  3 Credit Hours
The study of music’s effect on human behavior including physiological and affective responses. Applications of music psychology to the teaching and learning of music will be explored.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 73274 FOUNDATIONS OF MUSIC EDUCATION  3 Credit Hours
Study of the influences on the field of music education, including sociology, psychology, philosophy, curriculum and history.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 73283 RESEARCH IN MUSIC EDUCATION  3 Credit Hours
Introduction to research techniques in music education including topic selection, data collection analysis and interpretation and presentation of information in written form.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 73284 HISTORY OF MUSIC EDUCATION  3 Credit Hours
Study of historical approaches to music education with emphasis on significant people, places and events that have influenced teaching and learning music.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 73295 SPECIAL TOPICS IN MUSIC EDUCATION  3 Credit Hours
(Repeatable for credit) Advanced study in selected topics that will vary from semester to semester depending on needs and interests of students.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 73381 ADVANCED RESEARCH IN MUSIC EDUCATION  3 Credit Hours
The design, implementation and reporting of research studies that illustrate a variety of methodological and statistical plans for research in music education.
Prerequisite: MUS 6/73283; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MUS 74111 CONDUCTING PROJECTS: CHORAL  2,4 Credit Hours
(Repeatable for credit) Choral conducting techniques, score analysis, rehearsal procedures and study of musical style.
Prerequisite: Doctoral standing.
Schedule Type: Private Lesson
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 74121 CONDUCTING PROJECTS: BAND  2,4 Credit Hours
(Repeatable for credit) Band conducting techniques, score analysis, rehearsal procedures and study of musical style.
Prerequisite: Doctoral standing.
Schedule Type: Private Lesson
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 74131 CONDUCTING PROJECTS: ORCHESTRA  2,4 Credit Hours
(Repeatable for credit) Orchestra conducting techniques, score analysis rehearsal procedures and study of musical style.
Prerequisite: Doctoral standing.
Schedule Type: Private Lesson
Contact Hours: 1 other
Grade Mode: Standard Letter
MUS 75131 OPERA: SINGER-ACTOR TECHNIQUES  1 Credit Hour
(Repeatable for credit) A course designed to give the young singing actor practical operatic experience in the performance of portions of operatic operas.
Prerequisite: Doctoral standing.
Schedule Type: Studio
Contact Hours: 9.5 other
Grade Mode: Standard Letter

MUS 75141 KENT STATE UNIVERSITY CHORALE  1 Credit Hour
(Repeatable for credit) Study and performance of literature for vocal chamber ensemble from medieval through contemporary styles sung in the original language with appropriate accompaniment. An audition in required before registering for this course.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Combined Lecture and Lab
Contact Hours: 4.5 other
Grade Mode: Standard Letter

MUS 75223 WIND ENSEMBLE  1 Credit Hour
(Repeatable for credit) A select concert ensemble that performs the finest in wind instrument literature with emphasis on major original works. Open to all KSU students, regardless of major. An audition is required.
Prerequisite: Doctoral standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 6 other
Grade Mode: Standard Letter

MUS 75221 ORCHESTRA  1 Credit Hour
(Repeatable for credit) A select group of instrumentalists assembled for the purpose of studying and performing orchestral music. Open to all KSU students, regardless of major. An audition is required.
Prerequisite: Doctoral standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 4 other
Grade Mode: Standard Letter

MUS 75231 JAZZ ENSEMBLE  1 Credit Hour
(Repeatable for credit) Study and performance of music literature in the jazz idiom.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 7.5 other
Grade Mode: Standard Letter

MUS 75271 NEW MUSIC ENSEMBLE  1 Credit Hour
(Repeatable for credit) Study and performance of 20th- and 21st-century chamber music with an emphasis on works by contemporary composers.
Prerequisite: Doctoral standing.
Schedule Type: Studio
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 75311 CHAMBER MUSIC  1,2 Credit Hour
(Repeatable for credit) Study and performance of music for small ensembles.
Prerequisite: Doctoral standing.
Schedule Type: Studio
Contact Hours: 2-4 other
Grade Mode: Standard Letter

MUS 78251 PEDAGOGY OF MUSIC THEORY  2 Credit Hours
(Repeatable for credit) The principles and techniques of teaching music theory.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

MUS 78393 VARIABLE TITLE WORKSHOP IN MUSIC  1-4 Credit Hours
(Repeatable for credit) Offered for specific professional needs. Emphasis on performance and pedagogical skills.
Prerequisite: Doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

MUS 81196 INDIVIDUAL INVESTIGATION IN MUSIC THEORY  1-6 Credit Hours
(Repeatable for credit) Intensive research or readings on selected topic beyond normal course coverage.
Prerequisite: Doctoral standing.
Schedule Type: Individual Investigation
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory

MUS 81211 COMPOSITION  2,4 Credit Hours
(Repeatable for credit) Refinement of compositional techniques culminating in large-scale works for media of student's choice.
Prerequisite: Doctoral standing.
Schedule Type: Private Lesson, Studio
Contact Hours: 1 other
Grade Mode: Standard Letter

MUS 82291 SEMINAR IN MUSICOLOGY  3 Credit Hours
(Repeatable for credit) Examination into primary sources, treatises and writings in selected areas in Western music. Topics selected range from medieval period to present.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

MUS 82396 INDIVIDUAL INVESTIGATION IN MUSICOLOGY  1-6 Credit Hours
(Repeatable for credit) Intensive research or readings on selected topic beyond normal course coverage.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory

MUS 82696 INDIVIDUAL INVESTIGATION IN ETHNOMUSICOLOGY  1-6 Credit Hours
(Repeatable for credit) Intensive research or readings on selected topic beyond normal course coverage.
Prerequisite: Doctoral standing.
Schedule Type: Individual Investigation
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory
<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Description</th>
<th>Prerequisite</th>
<th>Schedule Type</th>
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<tr>
<td>MUS 83196</td>
<td>INDIVIDUAL INVESTIGATION IN MUSIC EDUCATION</td>
<td>1-6</td>
<td>(Repeatable for credit) Intensive research or readings on selected topic beyond normal course coverage.</td>
<td>Doctoral standing.</td>
<td>Individual Investigation</td>
<td>1-6 other</td>
<td>Satisfactory/Unsatisfactory</td>
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<tr>
<td>MUS 86001</td>
<td>SEMINAR IN MUSIC EDUCATION I</td>
<td>3</td>
<td>This course prepares students for doctoral study in music education. Topics include understanding tasks and skills necessary for PhD study in music education, along with navigating this study at Kent State. Students interact in seminar format as part of a cohort of students pursuing the study of music teaching and learning.</td>
<td>Doctoral standing.</td>
<td>Seminar</td>
<td>3 lecture</td>
<td>Standard Letter</td>
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<tr>
<td>MUS 86002</td>
<td>SEMINAR IN MUSIC EDUCATION II</td>
<td>3</td>
<td>This doctoral level course is designed to ready students for final activities of PhD study in music education. Goals include preparation for qualifying exams, understanding of the research proposal process, and exploration of advanced research methodologies and protocols necessary to undertake a dissertation and or significant research project.</td>
<td>MUS 86001, CI 87000 and EVAL 75510; and doctoral standing.</td>
<td>Seminar</td>
<td>3 lecture</td>
<td>Standard Letter</td>
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<tr>
<td>MUS 88199</td>
<td>DISSERTATION I</td>
<td>15</td>
<td>(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.</td>
<td>Pass candidacy examination; and doctoral standing.</td>
<td>Dissertation</td>
<td>15 other</td>
<td>Satisfactory/Unsatisfactory-IP</td>
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<tr>
<td>MUS 88299</td>
<td>DISSERTATION II</td>
<td>15</td>
<td>(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.</td>
<td>MUS 88199; and doctoral standing.</td>
<td>Dissertation</td>
<td>15 other</td>
<td>Satisfactory/Unsatisfactory-IP</td>
</tr>
<tr>
<td>MUS 88598</td>
<td>RESEARCH</td>
<td>1-15</td>
<td>(Repeatable for credit) Research or individual investigation for doctoral students who have not yet passed their candidacy examinations.</td>
<td>Doctoral standing.</td>
<td>Research</td>
<td>1-15 other</td>
<td>Standard Letter-IP</td>
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