

## Music 224: Technology Component—Fall Semester 2023

### Dr. Kris Bryden

Office: 109 Simon Estes Music Hall

Email: [kabryden@iastate.edu](mailto:kabryden@iastate.edu)

**Office hours in Rm 109:** MW 10:30-11:30 am  
and T 3:15-4 pm

**Zoom:** 6-7 pm Thursday

Zoom link: <https://iastate.zoom.us/j/99992547687>

**Required textbook:** Course packet Music 224: Tech Component, available at the ISU Bookstore.

**Course Description:** In this course you will learn basic notation standards, gain an introductory level of skill in using Finale notation software. Weekly class projects will give you the opportunity to apply new concepts and practice techniques presented in class and in your course packet. These projects will also on occasion provide you the opportunity to get to know the online program *teoría* for practicing your aural skills.

**Learning Outcomes:** After successfully completing the Technology Component of Music 224, students will be able to

- Notate music by hand using generally accepted notation standards.
- Use Finale software to notate music.
- Export graphic and sound files from Finale for use in other software.
- Import MusicXML files into Finale and modify the resulting Finale score files.
- Become familiar with the online aural skills exercises in *teoría.com*.

### Grading distribution

The total grade will be 25% of your grade for Music 224. All projects are weighed equally.

**Due dates:** All projects are due a week after they are assigned the day of your section. I suggest you complete these as soon as they are assigned to prevent any last minute difficulties in getting them in.

### Missing and Late Coursework

It is important to keep up with the pace of this course. Therefore, missed homework assignments will only be accepted up to two weeks after the due date with a late penalty of 10% for the first week and 20% for the second week after they are due.

### Free Expression

Iowa State University supports and upholds the First Amendment protection of **freedom of speech** and the principle of **academic freedom** in order to foster a learning environment where open inquiry and the vigorous debate of a diversity of ideas are encouraged.

Students will not be penalized for the content or viewpoints of their speech as long as student expression in a class context is germane to the subject matter of the class and conveyed in an appropriate manner.

### Requesting accommodation for documented disabilities

Information or assistance is available online at [www.sas.dso.iastate.edu](http://www.sas.dso.iastate.edu), by contacting SAS staff by email at [accessibility@iastate.edu](mailto:accessibility@iastate.edu), or by calling 515-294-7220. Student Accessibility Services is a unit in the Dean of Students Office located at 1076 Student Services Building.

## Course Schedule

<b>Wk 1</b>	Aug. 22 or 24	<b>Demonstrate</b> Mac desktop and directory structure and Canvas <b>Demonstrate</b> Finale basics
<b>Wk 2</b>	30 or <b>Sept. 1</b>	<b>Project 1:</b> Hand Notation, <b>due Week 3</b>
<b>Wk 3</b>	6 or 8	<b>Project 2:</b> Set Up a Score for a Counterpoint Exercise, <b>due Week 4</b>
<b>Wk 4</b>	13 or 15	<b>Project 3:</b> Editing Basics, <b>due Week 5</b>
<b>Wk 5</b>	20 or 22	<b>Project 4:</b> Working With Multiple Voices in a Staff, <b>due Week 6</b>
<b>Wk 6</b>	27 or 29	<b>Project 5:</b> Adding Lyrics and Note Articulations to an SATB Score and Introducing Aural Skills Exercises in teoría.com, <b>due Week 7</b>
<b>Wk 7</b>	<b>Oct. 4</b> or 6	<b>Project 6:</b> Entering Lead Sheet (Pop Chord) Symbols and Roman Numerals for Root Position Triads, <b>due Week 8</b>
<b>Wk 8</b>	11 or 13	<b>Project 7:</b> Entering Chords and Expression Marks, and teoría Exercises, <b>due Week 9</b>
<b>Wk 9</b>	18 or 20	<b>Project 8:</b> Entering Lead Sheet (Pop Chord) Symbols and Roman Numerals with Inversions, <b>due Week 10</b>
<b>Wk 10</b>	25 or 27	<b>Project 9:</b> Barlines, Clef Signs, Repeat Signs, and Pickup Measures; <b>due Week 11</b>
<b>Wk 11</b>	<b>Nov. 1</b> or 3	<b>Project 10:</b> “Exploding” a Piano Excerpt, Using the Mixer and Exporting MIDI and Audio Files, <b>due Week 12</b>
<b>Wk 12</b>	8 or 10	<b>Project 11:</b> Audacity Basics, <b>due Week 13</b>
<b>Wk 13</b>	15 or 17	<b>Project 12:</b> Importing an MXL file into Finale and Fixing the Score, and teoría Exercises With Added Expression Marks, <b>due Week 14</b>
<b>Wk 14</b>	29 or <b>Dec. 1</b>	<b>Tech Project 13:</b> Constructing a Worksheet, <b>due Week 15</b>
<b>Wk 15</b>	6 or 8	Finish up and participate in a Finale treasure hunt as time allows

This course schedule is subject to change.

## MUSIC 224 Fall Semester 2023

MWF 2:15pm and 3:10pm

Music Hall - Room 24

Instructor: Dr. Julie Sturm

Office Hours MWF 1-2pm; by Zoom appointment only.

Office phone: 294-3346

E-mail: [jksturm@iastate.edu](mailto:jksturm@iastate.edu)

### Required Textbooks:

Stefan Kostka, *Tonal Harmony with an Introduction to 20<sup>th</sup>-Century Music (and workbook)*, Ninth edition.

Course Pack: Music 224 Course Pack – available at Copyworks.

### Additional Required Materials:

1. Manuscript (staff) paper and notepaper.
2. Pencils and erasers. (Tests, quizzes and assignments written in pen will not be accepted.)
3. White board markers (2)
4. Three-ring binder with dividers.

### Attendance:

You are responsible for your attendance in this class. This is a participation-based class; absences will be noted. Excused absences include documented tours, competitions and illnesses.

### Reading Assignments:

You are required to do all reading assignments and answer all follow-up questions. This is done thru Connect and will be automatically graded and posted on Canvas.

### Tests and Quizzes:

Tests occur as announced or as stated on the syllabus, they cannot be made up.

Quizzes will happen intermittently over the course of the semester. **These will be announced one class meeting ahead of time and cannot be made up.**

### Accessibility Statement

Iowa State University is committed to assuring that all educational activities are free from discrimination and harassment based on disability status. Students requesting accommodations for a documented disability are required to work directly with staff in Student Accessibility Services (SAS) to establish eligibility and learn about related processes before accommodations will be identified. After eligibility is established, SAS staff will create and issue a Notification Letter for each course listing approved reasonable accommodations. This document will be made available to the student and instructor either electronically or in hard-copy every semester. Students and instructors are encouraged to review contents of the Notification Letters as early in the semester as possible to identify a specific, timely plan to deliver/receive the indicated accommodations. Reasonable accommodations are not retroactive in nature and are not intended to be an unfair advantage. Additional information or assistance is available online at [www.sas.dso.iastate.edu](http://www.sas.dso.iastate.edu), by contacting SAS staff by email at [accessibility@iastate.edu](mailto:accessibility@iastate.edu), or by calling 515-294-7220. Student Accessibility Services is a unit in the Dean of Students Office located at 1076 Student Services Building.

### Free Expression Statement

*Iowa State University supports and upholds the First Amendment protection of [freedom of speech](#) and the principle of [academic freedom](#) in order to foster a learning environment where open inquiry and the vigorous debate of a diversity of ideas are encouraged. Students will not be penalized for the content or viewpoints of their speech as long as student expression in a class context is germane to the subject matter of the class and conveyed in an appropriate manner.*

<b>Grade</b>	Homework assignments and Reading assignments 30%
<b>Distribution:</b>	Tests and Quizzes 25%
	Finale Lab 25% (Dr. Bryden teaching this aspect of the course.)
	Final Exam 20%

### Outcomes:

At successful completion of **Music 224**, students will be able to identify and write correctly all chords and seventh chords, to compose using the rules of Species Counterpoint in two voices, to analyze simple diatonic works and identify different cadence types and to compose simple Chorales in four voices using accurate voice leading and chord inversions. They will have been shown how to use these skills as they apply to their own instrument or voice to better understand and interpret their own music. Importantly, Music 224 teaches students a basic practical knowledge of the computer music program *Finale*, a music writing computer program, with assignments that require understanding and facility in its use.

- August 21 Introduction, Notebooks, Notation of Pitch, Diagnostic Exam  
[Homework #1, due on August 23<sup>rd</sup>, K/P Workbook – pg. 1-all.](#)
- August 23 Elements of Rhythm—Simple and Compound Meters  
*Assigned reading: K/P pgs. 24-37*
- August 25 Rhythm and Intervals – in class work  
[Homework #2, due on August 28<sup>th</sup>, K/P Workbook – pg. 15-16, 2-4 A, B and C only.](#)
- August 28 Intervals Review  
[Homework #3, due on August 30<sup>th</sup>, K/P Workbook – pg. 7 1-5 A and B 1-20 only and pg. 9 #1-6 A, B and C 1-20 only](#)
- August 30 Quiz 1 – Rhythm – First 20 minutes of class.**
- September 1 Minor Scales  
[Homework #4, due on September 5<sup>th</sup>, K/P Workbook – pg. 5 1-3A only](#)
- September 3 Labor Day – No Class**
- September 5 New Topic – Cantus Firmus Rules  
*Assigned reading: Course pack,*  
[Homework #5, due Septmeber 7<sup>th</sup>, write 2 cantus firmi. One in the key of C-major, the other in the key of a-minor.](#)
- September 7 Counterpoint – in class corrections and practice.  
[Homework #6, due September 10<sup>th</sup>, write 1 Cantus Firmus – any key other than C major \(\*\*be sure to use a key signature\*\*\)](#)
- September 10 First Species Counterpoint in Major Keys - Introduction.  
*Assigned reading: Course pack*  
[Homework #7, due September 13<sup>th</sup>, write one counterpoint \*below\* your course pack Cantus firmus pg. 10 #1 and one counterpoint \*above\* Cantus firmus #4.](#)
- September 13 First Species in minor.  
[Homework #8, due September 15<sup>th</sup>, add a first species counterpoint \*below\* the Cantus firmus #6 or \*above\* cantus #8 from your course pack](#)
- September 15 Error detection and in-class work. (Be sure you have manuscript paper.)
- September 18 Test 1 – Take Home. Due, September 20<sup>th</sup> beginning of class. Everyone must complete the take-home test on Finale. NO exceptions.**
- September 20 **Functional Harmony**— *Always bring Kostka/Payne workbook to class.*  
**Take - Home test due today at the beginning of class. No late tests will be accepted.**
- September 22 Review of triads.  
*Assigned reading: K/P pgs. 38-42*  
[Homework #9, due September 25<sup>th</sup>, K/P workbook pg. 19-20, 3-1 B1-15 only and D1-15 only.](#)
- September 25 Triads, Figured Bass and Lead Sheet symbols (Bring workbooks to class)  
*Assigned reading: K/P pgs. 42-53*
- September 27 Seventh chords  
[Homework #10, due September 29<sup>th</sup>, K/P workbook pg. 21, all.](#)
- September 29 Seventh chords, Figured Bass and Lead Sheet symbols continued (Bring workbooks to class)

- October 2 In Class Analysis – Bring Workbooks.  
Homework #11, due October 4<sup>th</sup>, K/P workbook pg. 26, all & pg. 32 4-1C only.
- October 4 Principals of Voice Leading—Introduction to: Doubling and Open/Closed Voicing  
*Assigned reading: K/P pgs. 69 (Notating Chords)-80*  
Homework #12, due October 6<sup>th</sup>, K/P workbook pg. 38. All -This is a Finale Assignment – 10 points will be taken away for handwritten homework.
- October 6 Voice Leading of Repeated Roots & Roots a 4<sup>th</sup> or 5<sup>th</sup> apart.  
*Assigned reading: K/P pgs. 82-85*  
Homework #13, due October 9<sup>th</sup>, K/P workbook pg. 43 6-2A all. (You do NOT have to “state which method you have used above the staff.)
- October 9 Roots a 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, or 6<sup>th</sup> apart — Bring workbooks to class.  
*Assigned reading: K/P pgs. 86-87*
- October 11 Roots a 2<sup>nd</sup> apart and V-vi progression — Bring workbooks to class.  
*Assigned reading: K/P pgs. 87-91*  
Homework #14, due October 13<sup>th</sup>, K/P workbook pg. 47. Four-part examples only  
This is a Finale Assignment – 10 points will be taken away for handwritten homework.
- October 13 Review for Test on Wednesday, October 18<sup>th</sup>, Root position part writing—bring workbooks.
- October 16 New Topic – Harmonic Progression  
*Assigned reading: K/P pgs. 95-105*  
Homework #15 due October 18<sup>th</sup>, K/P workbook pg. 55 only.
- October 18** **Test 2 – Triads: open/closed, voice-leading (writing and error detection examples.)**
- October 20 Harmonic Sequences — Circle of 5ths Progression  
*Assigned reading: K/P pgs. 106-113*  
Homework #16, due October 23<sup>rd</sup>, K/P workbook pg. 57, 7-1D #2 and pg. 59 7-1 H#4 only.  
This is a Finale Assignment – 10 points will be taken away for handwritten homework.
- October 23 Triads in First Inversion  
*Assigned reading: Course pack as assigned in class and K/P pgs. 114-118*
- October 25 First Inversions continued and Parallel 6/3 Technique  
*Assigned reading: K/P pgs. 118-121*  
Homework #17, due October 27<sup>th</sup>, K/P workbook pg. 63, 8-1C 4-12 only.
- October 27** **Chapter 7 Quiz last 30 minutes of class.**  
Parallel 6/3 Technique continued.  
Homework #18, due October 30<sup>th</sup>, as assigned from course pack - This is a Finale Assignment – 10 points will be taken away for handwritten homework.
- October 30 In Class practice of concepts to date – bring workbooks to class. (page 67 in workbook)  
Begin Triads in Second Inversion.  
*Assigned reading: K/P pgs. 133-144*
- November 1** **Chapter 8 Quiz last 30 minutes of class. Board work.**
- November 3 Second inversion triads continued. Bring workbooks to class.  
In-class analysis in workbook, pgs. 71-74  
Homework #19, due on November 6<sup>th</sup>, *finish* analyzing pgs. 71-74 9-1 A1 and A2 only in workbook.
- November 6 Part writing of 6/4 chords – in-class practice.  
*Assigned reading: K/P pgs. 141-144 (review of reading from Oct. 30<sup>th</sup>)*  
Homework #20, due on November 8<sup>th</sup>, Cadential 6/4 sheet – located in Course Pack
- November 8 6/4 chord Practice —  
Homework #21, due on November 10<sup>th</sup>, K/P workbook. pg. 75 B#’s1, 3 &4, and C #’s 1, 3 & 4
- November 10 Bring Workbooks — Schubert Analysis discussion, *Wo Bist Du?* Der Wanderer, Op. 4, No.1 (course pack)

November 13 Review for Test 2 on Wednesday, November 15<sup>th</sup>, (Part-writing all triad positions, 6/3 technique, cadential 6/4 chords.) (20 minutes)  
The Dominant 7 Chord (V7) K/P, Chapter 14,  
Homework #22, due on November 15<sup>th</sup>, K/P workbook. pg. 105-106 1-A, B & C - all.  
*Assigned reading: K/P pgs. 218-227 and course pack as assigned in class.*

**November 15 Test 3 (Do not miss class!)**

**November 18 Go home and have a great Thanksgiving. No class meeting today.**

### **November 20-24 – Thanksgiving Break**

November 27 Dominant 7<sup>th</sup>. Classwork – bring workbooks.  
Homework #23, due on November 29<sup>th</sup>, K/P Wrkbk. pg.113 14-2 A-all and B- 1 and 2 only.

November 29 In class work – bring workbook.  
Homework #24, due on December 1<sup>st</sup>, in Coursepack (K/P pg. 117 in workbook altered.)

### **December 1 Final Project assigned and explained**

December 4 Class practice Dominant 7<sup>th</sup> chord uses, approaches and resolutions and analysis.

December 6 Work on project day.

December 8 Final projects due by end of class.

**December 11-15 Finals 2:15pm class – Wednesday, December 13<sup>th</sup> 12 noon  
3:10pm class – Monday, December 11<sup>th</sup> 2:15 pm**

## **COVID-19 health and safety requirements**

***Face masks encouraged:** Because of the continuing COVID-19 pandemic, all students are encouraged—but not required—to wear face masks, consistent with current recommendations from the Centers for Disease Control and Prevention. Further information on the proper use of face masks is available at:  
<https://www.cdc.gov/coronavirus/2019-ncov/your-health/effective-masks.html>.*

***Vaccinations encouraged:** All students are encouraged to receive a vaccination against COVID-19. Multiple locations are available on campus for free, convenient vaccination. Further information is available at:  
<https://web.iastate.edu/safety/updates/covid19/vaccinations>. Vaccinations may also be obtained from health care providers and pharmacies.*

***Physical distancing encouraged for unvaccinated individuals:** Classrooms and other campus spaces are operating at normal capacities, and physical distancing by faculty, staff, students, and visitors to campus is not required. However, unvaccinated individuals are encouraged to continue to physically distance themselves from others when possible.*

**This syllabus is subject to change (!)**