

Music Theory Comprehensive

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Note: These classes are constantly being updated, so the numbering might be different as new videos are added. In nearly all cases, each numbered item is a video lesson.

Part 1: The Symbols of Music

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1. Intro
2. My approach to Music Theory
3. Tools you will need
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5. About Notation Programs (options, what I'll use)

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6. The elements of the Score
7. Pitch Names
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26. Time Signatures
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31. Accidental Behavior and Naturals
32. Form
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35. Tips for practicing notes
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Part 2: Chords, Scales, & Keys

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1. Welcome/Overview
2. Tools we will use in this course
3. [Staff paper download]

Chromatic & Diatonic Scales

4. What are scales? Why do we care?
5. Definitions: Chromatic and Diatonic
6. Ordered Pitch Class Collections
7. Chromatic Scales

The Major Scale

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9. Scale Degrees and Tonic
10. Scale Degrees and Solfege
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17. Major Key overview
18. What is a key signature?
19. Identifying key signatures
20. Worksheet No. 3

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22. Song analysis
23. Triads
24. Building Triads (related to scales)
25. The diatonic chord progression
26. Inversions
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28. Song analysis
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30. What is inside of a triad
31. Inside the chord: The Third Holds the Power
32. Figuring out thirds by half steps
33. Finding fifths by thirds
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More with Triads

35. Diminished triads
36. Augmented triads
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3 Pieces for Analysis

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41. Analysis: Canon in D (Pachelbel)
42. Non-Chord Tones
43. Analysis - Minuet in G (Part 1)
44. Analysis - Minuet in G (Part 2)
45. Analysis - Minuet in G (Part 3)
46. PDF of Analysis
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7th Chords

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49. The 4 types of 7th chords
50. Maj7 Chords
51. Min7 chords
52. Dom7 chords
53. PDF of minuet in G analysis including 7th chords
54. Blues and the Dom7th Chord
55. Worksheet No. 8

Wrap Up

56. What's next?

57. Thanks Bye!

Part 3: Minor Keys, The Circle of Fifths, and Compound Meters

Overview

1. Welcome/Overview
2. Tools we will use in this course
3. [Staff paper download]

Review

4. Keys and Key Signatures
5. Diatonic Chord Progressions
6. Tendency Chords

The Circle of Fifths

7. Circle of Fifths Overview
8. Using the Circle of Fifths for Songwriting and Composition
9. Borrowing from Closely Related Keys

Scale Degree Names

10. Why do we have scale degree names?
11. Scale degree names
12. "Tendency tones"
13. Worksheet No. 1

Compound Meters

14. Compound Meter Definition
15. Compound Meter Signatures
16. Another Perspective
17. Example
18. Worksheet No. 2

Triplets, duplets, quadruplets, and polyrhythms

19. Triplets: When rhythms don't fit into the grid
20. How Triplets Work
21. Other Tuplets

Minor Keys

22. Minor keys overview: A new world
23. Alternations to Major
24. W-h Pattern
25. Relative Minor
26. Parallel Minor
27. MacPhail video intro
28. The Natural Minor Scale
29. Key Signatures

30. Worksheet No. 3

Minor Keys and the Circle of Fifths

- 31. Minor keys and the circle of fifths
- 32. New Circle of Fifths Graphic
- 33. More options for "closely related keys"

Diatonic Chord Progression in Minor

- 34. Reminder of why we care about Diatonic Chord Progressions
- 35. The Pattern
- 36. DCP Relative keys
- 37. DCP in Minor - The V chord and leading tones
- 38. Worksheet No. 4

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- 39. The three types of minor scales
- 40. Harmonic Minor
- 41. Melodic Minor
- 42. Greensleeves Example
- 43. The Harmonic Minor Scale
- 44. Worksheet No. 5

Analysis

- 45. Analysis overview
- 46. PDF - Greensleeves (blank - for you to try!)
- 47. Greensleeves analysis
- 48. PDF - my analysis
- 49. PDF: The Scientist (blank - for you to try)
- 50. The Scientist analysis
- 51. PDF: The Scientist - my analysis

Wrap Up

- 52. What's next?
- 53. Thanks Bye!

Part 4: Modes & Counterpoint

Overview

- 1. Welcome/Overview
- 2. Tools we will use in this course
- 3. [Staff paper download]
- 4. Review: Major and Minor Scales
- 5. Review: Diatonic Chord Progressions

Modes:

- 6. Overview of modes: new harmonic ideas
- 7. How Modes work

8. History of Modes
9. Ionian Mode
10. Dorian Mode
11. Phrygian Mode
12. Lydian Mode
13. Mixolydian Mode
14. Aeolian Mode
15. Locrian
16. Worksheet No. 1

Using Modes:

17. From old to new again - modern uses of modes
18. The Simpsons Theme
19. DOWNLOAD – Simpsons Theme
20. Choir example
21. DOWNLOAD - Missa Pange lingua
22. Eleanor Rigby
23. DOWNLOAD - Eleanor Rigby

Deeper into Intervals

24. Melodic vs. harmonic intervals
25. Visual landmarks for identifying intervals
26. Compound Intervals vs. Simple Intervals
27. Major/Minor/Perfect Intervals
28. Inversions of intervals
29. Summary of Intervals so far
30. Augmented and Diminished intervals
31. The Tritone
32. Enharmonic Equivalence
33. Worksheet No. 2

Consonance and Dissonance

34. Overview
35. Resolution
36. Interval Classes
37. Analyzing Intervals
38. Bach 2 Part Invention No. 8 (for practice!)
39. Worksheet No. 3

Introduction to Counterpoint

40. What is Counterpoint?
41. The different species of counterpoint
42. Connecting Melodic Intervals
43. First species counterpoint - Melodic Rules
44. Connecting Harmonic Intervals
45. 4 Types of contrapuntal motion
46. Example Analysis Files
47. Parallel Fifths and Octaves

48. Worksheet No. 4

Writing note-to-note Counterpoint in Strict Style

49. The beginning and the End

50. The Middle

51. The Riemenschneider

52. The Rules: All wrapped up.

53. Worksheet No. 5

Wrap Up

54. What's next?

55. Thanks Bye!

Part 5: Advanced Counterpoint

Overview

1. Welcome/Overview

2. Tools we will use in this course

3. [Staff paper download]

4. Review: Modes

5. Review: First Species Counterpoint Rules

Second Species Counterpoint

6. What is new in second species counterpoint?

7. Metric Accents and Diminutions

8. Resolutions

9. Second Species Rules Summary

Melodic Embellishment in Second Species Counterpoint

10. Passing tones

11. Consonant Skips or leaps

12. Neighbor Tones

13. Worksheet No. 1

Writing Second Species Counterpoint

14. First and Last Measures

15. The melody notes

16. Harmony

17. Summary Tips

18. Worksheet No. 2

Third Species Counterpoint

19. Four to 1 Counterpoint

20. The Cambiata

21. Double Neighbor Tones

22. Worksheet No. 3

Fourth Species Counterpoint

23. Rhythmic Displacement
24. Suspensions
25. Going Downhill
26. Types of Suspensions: 4-3 Suspensions
27. Types of Suspensions: 7-6 Suspensions
28. Types of Suspensions: 9-8 Suspensions
29. Consonant Suspensions
30. Chains of Suspensions
31. Summary of 4th Species Rules
32. Worksheet No. 4

Fifth Species Counterpoint (Free Counterpoint)

33. Free Counterpoint
34. Writing Free Counterpoint
35. A brief history on Gradus ad Parnassum (Fux)
36. Worksheet No. 5

Wrap Up

37. What's next?
38. Thanks Bye!

Part 6: 18th Century Counterpoint & SATB Composition

Overview

1. Welcome/Overview
2. "Second Semester (College) Theory"
3. Tools we will use in this course
4. [Staff paper download]
5. Review: First Species Counterpoint Rules

Composing in an 18th Century (2:1) Style

6. Overview
7. Types of Motion - Review
8. Chordal Dissonance
9. Cadences
10. Cadences in bass-melody counterpoint
11. Starting Intervals
12. Rules Summary
13. Worksheet No. 1

Melodic Embellishment (in Chorale Textures)

14. Non-chord tones
15. Suspensions
16. Example analysis
17. Summary
18. Worksheet No. 2

SATB Composition

19. Writing SATB Lines
20. SATB Notation
21. SATB Ranges
22. Voice Crossings
23. Doubling
24. My Country Tis of Thee Example
25. Worksheet No. 3

Phrasing in SATB Composition

26. T-D-T
27. Establishing the Tonic Area
28. Establishing dominant Area
29. Worksheet No. 4

Cadence Types

30. Perfect Authentic Cadence in 4 Voices
31. Imperfect authentic cadences in 4 voices
32. Half Cadences
33. Plagal Cadences
34. Deceptive Cadences
35. Worksheet No. 5

Voice-Leading on Dominant

36. Resolving leading tones
37. Other voice-leading things
38. Worksheet No. 6

Harmonizing Melodies

39. Harmonic Rhythm
40. Texture
41. Example Piece - Danny Boy

Wrap Up

42. What's next?
43. Thanks Bye!

Part 7: Harmonization

Overview

1. Welcome/Overview
2. Tools we will use in this course
3. [Staff paper download]
4. Review - Go back to your worksheets!
5. The Full MuseScore File - All Examples

Inversion Names

6. How inversion names work
7. Triads 6 and 6/4, root
8. Sevenths: 6, 6/4, 2, root(7)

Inversions of V7 & Resolutions

9. Resolving the “chordal 7th”
10. Root position V7 - I resolutions in SATB
11. Inversion V7 - I resolutions in SATB
12. Exception!
13. Doubling Problems

Figured Bass

14. What is Figured bass?
15. How Figured Bass Works
16. Finding Figured Bass Roman Numerals
17. “Realizing” Figured bass
18. Bach Example with Melody
19. Bach’s Realization
20. 6 basic rules
21. Worksheet No. 1

T-D-T Becomes T-PD-D-T

22. Back to Phrasing!
23. Defining the “Predominant”
24. Using ii and IV as Predominant
25. Major Key examples
26. Minor key examples
27. Moving from root position IV to V without parallels
28. Doubling in the minor key ii^o chord
29. Predominant 7th chords
30. Worksheet No. 2

Harmonizing Chorale Melodies

31. Method for Harmonization
32. Start by finding your cadences
33. What about T-PD-D-T?
34. Second, outline your entire harmony in roman numbers (with inversions)
35. Third, write out your soprano and bass lines.
36. Last, complete the inner voices
37. Harmonization No. 2: Mary Had A Little Lamb
38. Harmonization 2: Finding the Cadences
39. Harmonization 2: Outline Harmony
40. Harmonization 2: Write out bass line
41. Harmonization 2: Complete the inner voices
42. Proofread and double check.
43. Don’t forget to write musically!

44. Don't forget about voice leading!
45. Worksheets and Practice Files
46. Worksheet No. 3
47. Some melodies to harmonize for practice (DOWNLOAD)

Wrap Up

48. What's next?
49. Thanks Bye!

Part 8: Harmonic Expansion

Overview

1. Welcome/Overview
2. Tools we will use in this course
3. [Staff paper download]
4. Review - Go back to your worksheets!
5. The Full MuseScore File - All Examples
6. The "master example" Musescore and PDF File

Cadential 6/4 Chords

7. What is a Cadential 6/4 Chord
8. Chord "Function"
9. Dominant Expansion
10. My Country Tis of Thee Example
11. Download: My Country Files
12. Writing Cadential 6/4 Chords
13. Worksheet No. 1

Neighboring or Pedal 6/4 Chords

14. The Neighboring 6/4 Chord
15. Properties of Neighboring 6/4 Chords
16. Using Neighboring 6/4 on the Dominant
17. Writing Neighboring 6/4 Chords
18. Worksheet No. 2

The Arpeggiating 6/4

19. The Arpeggiating 6/4 Chord
20. My Country Tis of Thee - Arpeggiating 6/4
21. Worksheet No. 3

The Passing 6/4

22. The Passing 6/4
23. Using the Passing 6/4 on other Chords
24. Writing Passing 6/4 Chords
25. 6/4 Chord Wrap Up
26. Worksheet No. 4

Other Expansions of the Tonic

27. Other Expansion Ideas
28. Shenkerian Analysis
29. Parallelism
30. Rule for Subdominant Function
31. New Analysis Notations
32. The V7 as Expansion of Tonic
33. Other V7 Expansions
34. The Double Neighbor V7 Expansion
35. Submediant Expansions
36. Thoughts on Extensions

Wrap Up

37. What's next?
38. Thanks Bye!

Part 9: New Progressions & Key Changes

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review - Go back to your worksheets!
5. The Full MuseScore File - All Examples
6. The "master example" Muscore and PDF File

Progressions by Fifth

7. Typical Progression Groups (So Far)
8. The Descending Fifth and Ascending Fourth
9. Going Farther Down the Staircase
10. Descending Fifth Sequences in Minor
11. Other Fifth-Related Progressions
12. Using a Fifth Progression for a Quick Key Change
13. Part Writing with Descending Fifth Progressions

Progressions by Third

14. The Descending Third Sequence
15. Descending Thirds in Minor
16. Ascending Third Progressions

Progressions by Second

17. Progressions by Seconds
18. 4-voiced Progressions by Seconds
19. Why do we care about these progressions?
20. Analysis: Pacabelle: Canon in D

21. Download: Canon in D
22. Worksheet No. 1

Changing Keys

23. Let's Do Some Analysis!
24. Cello Suite No. 1: Prelude (Bach)
25. Finding Chords in Monophonic Music
26. Modulating Keys
27. Chord Functions (First Section)
28. More Analysis
29. Another Key Change!
30. Chord Functions (Second Section)
31. Homework!
32. Review of Concept: Secondary Dominant
33. Review of Concepts: Tonicization
34. Review of Concept: Modulation
35. Worksheet No 2: Bach Files
36. Download: My complete Analysis
37. Download: The original Bach File

Wrap Up

38. What's next?
39. Thanks Bye!

Part 10: Diminished & Tonic Expansion

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review - Go back to your worksheets!
5. The Full MuseScore File - All Examples
6. The "master example" Muscore and PDF File

Types of Diminished Chords

7. Two Types of diminished chords
8. The whole diminished chord
9. The half-diminished chord
10. Finding them in the key
11. Spotting the difference by ear
12. Ear training quiz

Dominant Substitutions

13. Expanding Tonic with vii: all about leading tones
14. vii^o6
15. vii^o VS. V7

Doubling in the vii^o Chords

16. What to watch out for
17. Doubling Options in Major Keys
18. Doubling Options in Minor Keys

Resolving vii^o7

19. The Tendency Tones
20. Resolution Options
21. Unequal Fifths
22. Summary of the Rules

Using vii^o7 Chords

23. Expanding Tonic with vii^o
24. Harmonizing with vii version 1
25. Harmonization with vii version 2
26. Harmonizing with vii7

Other Properties of Full Diminished 7th Chords

27. Mystical Properties of vii7 Chords
28. Symmetry
29. Pivots

Neighboring 4/2 Chords

30. 4/2 Chord Refresher
31. Using ii4/2
32. Using ii4/2 in Minor

Passing 4/2 Chords

33. Secondary Dominants
34. Passing 4/2 in Minor

Wrap Up

35. What's next?
36. Thanks Bye!

Part 11: Melody, Phrasing & Motives

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review - Go back to your worksheets!
5. The Full MuseScore File - All Examples
6. The "master example" Muscore and PDF File

Identifying Phrases

7. Why do we care about phrasing?
8. Defining a Phrase
9. Phrasing in Hey Jude
10. Finding Phrases
11. Download File
12. Phrase Notation

Motives

13. Definition of a Motive
14. Eleanor Rigby
15. Finding motives in Eleanor Rigby
16. Labeling motives
17. Eleanor Rigby File

Playing with Motives

18. Motive alterations
19. Setting Up a Motive
20. Contour, Rhythm, Transposition, Intervals
21. Motive Inversion
22. Motive Augmentation and Diminution
23. Motive Extension and Truncation
24. Motive Fragmentation
25. Harmonizing Altered Motives

Sentences

26. Musical Sentences
27. Finding Musical Sentences
28. Sentences, Phrases, and Motives
29. Mozart, Polonaise

Periods

30. Musical Periods
31. Antecedent
32. Consequent
33. Periods

Hypermeter

34. Performing Phrases
35. Finding Hypermeter
36. Phrase Rhythm

Vocabulary

37. Phrase and Motive
38. Manipulations
39. Sentences and Periods

Wrap Up

40. What's next?
41. Thanks Bye!

Part 12: Sequences & Secondary Dominants

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review
5. The Full MuseScore File - All Examples
6. The "master example" Muscore and PDF File

Sequences

7. Bach, Invention in D Minor
8. Identifying Sequences
9. Sequence Definitions
10. Melodic Sequences
11. Diatonic and Chromatic Sequences
12. Bach File

Harmonic Sequences: Descending Fifth

13. What Are Harmonic Sequences?
14. Harmonic Sequence Rules
15. Root Position Descending Fifth Sequences
16. Root Position and First Inversion Alternating
17. First Inversion and Root Position Alternating
18. Back to Bach

Other Common Sequence Types

19. Ascending Fifth Sequences
20. The Problem with Descending Thirds
21. The Solution to Descending Thirds
22. Descending Seconds
23. Spotting Sequences

Secondary Dominants

24. Chromatic Chords
25. The Big Picture
26. Rules of V/V
27. Writing V7/V Chords
28. Tonicization And Modulation

Secondary Leading Tone Chords

29. Remembering Diminished Chords
30. Leading Tone of Five

31. Inversions and Variations

Tonicizing other Scale Degrees

32. V of Anything

33. V of vi Example

34. Exceptions

35. Leading Tone of Anything

Beethoven, Sonata No. 15, Op. 28

36. Listening

37. Long Pieces

38. Movement 2, measures 463-464

39. Movement 2, measures 465-466

40. Full Muse Score File

Resolving Secondary Dominant and LT Chords

41. Curve balls!

42. Embellished Resolutions

43. Irregular Resolutions

Wrap Up

44. Second Semester is Over!

45. What's next?

46. Thanks Bye!

Part 13: Modulation & Form

Getting Started

1. Intro

2. Tools you will need

3. [Staff Paper Download]

4. Review

5. The Full MuseScore File - All Examples

6. The "master example" Muscore and PDF File

Modulation

7. Modulation Vs. Tonicization

8. Rules for Modulation

Pivot Chord Modulation

9. Using Pivot Chords

10. Mozart, Piano Sonata in D Major

11. Analyzing the Pivot Chord

12. Modulating to V using Pivot Chords

13. Modulating to the Relative Major using Pivot Chords

14. Pivoting from I to IV

15. Pivoting from i to v
16. Rules of Pivoting

Direct Modulations

17. Abrupt Modulations
18. Bach, O Haupt voll Blut und Wunden
19. Modulations in Bach
20. Bach Errors?
21. Modulation by Secondary Dominant

Modulation Challenge

22. The Modulation Game
23. Mary Had A Little Modulation
24. The Easy Part
25. The Modulation
26. The Cadence

Back to Form

27. New Developments in Form
28. Listening
29. Download: Score
30. Rounded Binary
31. The B Section
32. Rounded Binary Recap
33. Binary in a Minor Key
34. Phrasing in Binary Form
35. Balanced Binary Form

Ternary Form

36. Simple Ternary Form
37. Composite Ternary Form
38. Form Summary

Wrap Up

39. What's next?
40. Thanks Bye!

Part 14: Fugue & Invention

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review
5. The Full MuseScore File - All Examples
6. The "master example" Muscore and PDF File

Baroque Era Contrapuntal Devices

7. What Are We Talking About Here?
8. The Subject
9. Fortspinnung
10. Compound Melody
11. Step Progression

The Exposition

12. How to Listen to Fugues and Inventions
13. Download: Bach, Fugue in G Minor
14. The Subject
15. Analyzing the Subject
16. Real and Tonal Answers
17. The Countersubject
18. Invertible, Double, and Triple Counterpoint
19. Exposition Analysis
20. Download: Bach, Fugue in G Minor with Exposition Analysis

The Episode

21. Episodes Defined
22. Analyzing the Episode
23. Graphing a Fugue
24. File: Graph Analysis
25. Another Episode

Tricks!

26. Beyond the Basic Fugue
27. Double and Triple Fugues
28. Listening: Bach, St. Anne Fugue
29. Stretto
30. Download - Fugue in C Major Files
31. Inversion
32. Augmentation
33. Diminution
34. Canon
35. Download - Invention No. 2 In C Minor
36. Why do we care about Fugues?

Wrap Up

37. What's next?
38. Thanks Bye!

Part 15: Chromatic Harmony

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review
5. The Full MuseScore File - All Examples
6. The “master example” Muscores and PDF File

Mode Mixture Basics

7. Mode Mixture Example
8. Mode Mixture Analysis
9. Mode Mixture Definition

More with Mixture Chords

10. 4-Voice Harmony Using Mixture Chords
11. Flat 6 Example
12. Warning! Augmented Seconds!
13. Changes to Some Rules
14. Tonicizing a Mixture Chord?
15. Secondary Dominant of an Out-of-Key Chord
16. Chord Quality
17. Solfege and Chromatic Tones

New Chromatic Harmony

18. New Chords!
19. The Chromatic Pre-Dominant

The Neapolitan Chord

20. Beethoven Moonlight Sonata
21. N6 in Beethoven
22. Why Neapolitan?
23. Rules of N6

Augmented 6th Chords

24. Mozart, Piano Sonata in D Major
25. Aug6 In Mozart
26. Italian Augmented 6th Chord
27. German Augmented 6th Chord
28. French Augmented 6th Chord
29. What’s with these names?

Resolutions of Augmented 6th Chords

30. Finding Resolutions
31. Resolving It6
32. Resolving Gr6
33. Resolving Fr6
34. Mozart String Quartet Example
35. Mozart Analysis
36. Mozart String Quartet File

37. Augmented 6 Rules

Wrap Up

38. Placement Tests

39. What's next?

40. Thanks Bye!

Part 16: Chromatic Voice-Leading

Getting Started

1. Intro

2. Tools you will need

3. [Staff Paper Download]

4. Review

5. The Full MuseScore File - All Examples

6. The "master example" Muscore and PDF File

History!

7. Where We Are Time

8. A push towards chromaticism

Chromatic Sequences

9. Chromatic Descending Fifth Sequence

10. Mozart, String Quartet in D Minor

11. Analysis, Part 1

12. Analysis, Part 2

13. Voice-Leading in Chromatic Sequences

14. Chromatic Sequence Notes

The Saddest Sequence: Chromatic Descending Basslines

15. The Lament Bass

16. Dido's Lament

17. Notational Things

18. Sequence Analysis, Part 1

19. Sequence Analysis, Part 2

20. Pop Music Examples

21. My Funny Valentine

22. Stairway to Heaven

23. MuseScore and PDF Files

24. Babe I'm Gonna Leave You

25. Nine Inch Nails: Closer

26. MuseScore and PDF files

Common-Tone Diminished Seventh Chords

27. Embellishing Chords

28. CT Diminished 7 Chords

29. CT Aug6 Chords
30. Neighboring CT Chords
31. Passing CT Chords

Chromatic Mediants

32. The Wrong Chords
33. Super Mario Brothers
34. Options in Major
35. Options in Minor
36. All Chromatic Mediant Options (PDF)

Wrap Up

37. What's next?
38. Thanks Bye!

Part 17: Chromatic Modulation

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review
5. The Full MuseScore File - All Examples
6. The "master example" Muscores and PDF File

Common Tone Modulation

7. Not closely related keys
8. Beethoven, Pathétique Sonata
9. More Distantly Related
10. Enharmonic Tricks
11. Modulations of a half step
12. Tritone Modulation

Chromatic Inflection Modulation

13. Let's Be Honest
14. Beethoven Waldstein Sonata
15. Analysis

Descending-Fifth Modulation

16. Ambiguous modulation
17. Chord Name Analysis
18. Analysis in A
19. Analysis in D
20. Results

Enharmonic Diminished 7th Chord Modulation

21. Remember the magical diminished 7th Chord
22. The three fully diminished 7th chords
23. LT and CT
24. Double Flats and Double Sharps
25. Fully Diminished 7th LT Resolutions on C
26. Fully Diminished 7th CT Resolutions on C
27. Fully Diminished 7th LT Resolutions on C#
28. Fully Diminished 7th CT Resolutions on C#
29. Fully Diminished 7th LT Resolutions on D
30. Fully Diminished 7th CT Resolutions on D

Voice Leading Chords

31. Chopin, Prelude in C Minor
32. Analysis, Part 1
33. Voice-Leading Chords
34. Analysis, Part 2
35. Linear Chromaticism

Wrap Up

36. What's next?
37. Thanks Bye!

Part 18: The 20th Century

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review
5. The Full MuseScore File - All Examples
6. The "master example" Musescore and PDF File

The Big Picture

7. What is Happening Now?
8. Collections
9. Atonal, nontonal, and post-tonal
10. Centered
11. Sets and Subsets
12. Tetrachords, Pentachords, hexachords, and more

A Return to Modes

13. Stravinsky, Lento
14. Traditional Analysis
15. Linear Analysis
16. Tetrachord Analysis
17. B Section

18. Why Modes?

Other Collections and Scales

19. Bartok, Five-Tone Scale
20. Pentatonic Scales
21. Debussy, Voiles
22. Whole Tone Scales
23. Chords with Whole tone Scales
24. Bartok, Song of the Harvest
25. Linear Analysis
26. Octatonic Scales

Integer Notation

27. The Problem with Pitch Notation
28. The Clockface
- 29-DownloadTheClockface
30. Using Integer Notation
31. Re-Analyzing with Integer Notation

Clockface Operations

32. Mod12 Arithmetic
33. Normalized Sets
34. Tonic/Dominant Relation Sets
35. Interval Vectors
36. The Structure of Atonal Music

Wrap Up

37. What's next?
38. Thanks Bye!

Part 19: A New Language (Set Theory)

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper Download]
4. Review
5. The Full MuseScore File - All Examples
6. The "master example" Musescore and PDF File

Definitions

7. What is Going on Here?
8. Pitch Class Set
9. IV (Interval Vector)
10. Set Class
11. Prime Form (Square brackets)

12. Normal Order (Curly braces)
13. Trichord, Tetrachord, Pentachord, Hexachord, etc.

Bartók: Hungarian Rhythm

14. About Bartok
15. First Thoughts on this piece
16. Analysis 1: Right Hand
17. Interval Vector Analysis
18. Wait a minute....
19. Analysis 2: Left Hand
20. Analysis Summary

Interval Vectors

21. What Interval Vectors Tell Us
22. How to find an Interval Vector
23. Example: 014
24. Example: 025
25. Z-related Vectors 01457, 01258
26. Forte Numbers
27. 10 and 11?

Looking at Scales through Set Theory

28. Major Scales
29. Minor Scales
30. Whole Tone Scales
31. Octatonic Scales
32. Chromatic Scale

Webern: String Quartet, Op. 5

33. About Webern
34. First Thoughts on this piece
35. Vertical Sonorities
36. Analysis 1: First Bar
37. Analysis 2: Second Bar
38. Analysis 3: Third Bar
39. Analysis Summary

Composing with Pitch Class Sets

40. Who Cares?
41. Allen String Quartet

Wrap Up

42. What's next?
43. Thanks Bye!

Part 20: Serialism

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper AND GRAPH PAPER Download]
4. Review
5. The Full MuseScore File - All Examples
6. The "master example" Musescore and PDF File

A Listening List

7. Absorbing a new vocabulary
8. My 20th Century Listening List
9. [DOWNLOAD] The Listening List

What is Going On?

10. The World at This Moment
11. A Search for Order
12. The Composer as Academic

Ordered Pitch Segments

13. The "Set"
14. Variations of Prime
15. Inversion
16. Retrograde
17. Retrograde Inversion
18. Example Piece
19. Multiple Sets

Twelve-Tone Rows

20. The 12-Tone "Set"
21. Arnold Schoenberg
22. The Rules
23. Hopstimme/Nebenstimme
24. String Quartet No. 4

The Row Matrix

25. Is there a better way?
26. Building a Matrix
27. Using the Matrix
28. The Numbers Method
29. More Analysis
30. Download Link for String Quartet 4

Total Serialism

31. More Serialist Works
32. You can go a little crazy with this.
33. Luigi Nono, Il Canto Suspenso

Constructing A Row

34. Complexity
35. Choosing a Row
36. Berg Violin Concerto Row
37. Berg Row

Serialism in Popular Music

38. It has happened.
39. Semi Simple Variations
40. Altered States

Is this Music?

41. Well?
42. Read: Who Cares If You Listen
43. [Download] Who Cares If You Listen

Wrap Up

44. What's next?
45. Thanks Bye!

Part 21: The Now

Getting Started

1. Intro
2. Tools you will need
3. [Staff Paper AND GRAPH PAPER Download]
4. Review
5. The Full MuseScore File - All Examples
6. The "master example" Musescore and PDF File

Notation in a Post-1945 World

7. A Return to Exploration
8. Rhythmic Notation
9. Graphic Notation
10. Text Notation

Reactionary Movements

11. Reactions to Serialism
12. Minimalism
13. Third Stream
14. Chance Music

Minimalism

15. The Process
16. Riley, In C
17. Reich, Piano Phase

18. Glass, Metamorphosis
19. Minimalism in Popular Music

Third Stream

20. What about Jazz?
21. Gunther Schuller
22. Schuller, Night Music
23. Getting in a fight with Schuller

Chance Music

24. Chance and Happenings
25. John Cage, water walk
26. Cage example, 433
27. Legit, Poem Symphonique
28. Xenakis, ConcretePH

Postmodernism

29. The Rift (the line thing)
30. Postmodern Philosophy
31. Naming a Movement
32. Visual Art
33. Remix Culture

Examples of Postmodern Music

34. Nico Mulley
35. DJ Spooky
36. The Bad Plus
37. Venetian Snares (Hungarian album only)
38. My Music
39. Your Music

Wrap Up

40. Holy Smokes we did it!