Music Department
Columbia University
Ear Training Curriculum, Fall 2012
Sing and Play at the Piano
“Face the Music”

Students are required to perform at the keyboard simultaneously singing and playing exercises in each of the following categories:
Scales
Intervals
Triads/Arpeggios
Seventh Chords
Melodies
Duets (ET II - VI)
Chorales (ET II- VI)

Faculty show students how to practice sing and play exercises, emphasizing the techniques outlined for each subject in each ET level. The material closely follows the material included in the theory curriculum.

Sing and play exercises simultaneously address issues of sight reading/singing, intonation, keyboard proficiency, theory, and performance.
Faculty will use sing and play exercises to count toward students’ grades. Specific exercises will be recommended.

Contents:
Intro to Ear Training 2
Ear Training Level I 16
Ear Training Level II 37
Ear Training Level III 71
Ear Training Level IV 94
# Introduction to Ear Training

## “Sing and Play”

### Scales

- Major
- Natural/Harmonic/Melodic Minor
- In Unison, Harmonized Canonically
- Harmonized in Thirds and Sixths
- Lower and Upper Tetra-Chord ‘White-Note’ Scales

### Intervals

- Sing and Play Technique for Intervals I
- Sing and Play Technique for Intervals II

### Triads/Arpeggios

- Sing and Play Technique for Triads
- Sing and Play Technique for Arpeggios

### Melody

- Unmetered Melodies

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Scales
Play all major and minor scales up and down, and sing simultaneously using solfege
Play with right hand, sing
Play with left hand, sing
Play with both hands, sing
Piano fingerings are preferred, but not required.

1. Major

```
Do Re Mi Fa Sol La Ti Do
```

2. Natural Minor

```
Do Re Mi Fa Sol La Ti Do
```

3. Harmonic Minor

```
Do Re Mi Fa Sol La Ti Do
```

4. Melodic Minor

```
Do Re Mi Fa Sol La Ti Do
```
5. Play first, then sing.

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<table>
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<th>Sing</th>
<th>Play</th>
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<tr>
<td><strong>Do</strong></td>
<td><strong>Do</strong></td>
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<tr>
<td><strong>Re</strong></td>
<td><strong>Re</strong></td>
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<tr>
<td><strong>Mi</strong></td>
<td><strong>Mi</strong></td>
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<tr>
<td><strong>Fa</strong></td>
<td><strong>Fa</strong></td>
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<tr>
<td><strong>Sol</strong></td>
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<tr>
<td><strong>La</strong></td>
<td><strong>La</strong></td>
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<tr>
<td><strong>Ti</strong></td>
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<tr>
<td><strong>Do</strong></td>
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</tbody>
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6. Sing first, then play.

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<td><strong>Do</strong></td>
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<td><strong>Sol</strong></td>
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<td><strong>Do</strong></td>
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Harmonized Vocal Scales
Play from tonic, sing from tonic when scale reaches 3rd scale degree
First right hand plays, then left hand, then both hands together
Sing and play overlapping scales. Note the different interval relationships that result in the ascending and descending direction.

Play the scale, sing a third above

Play the scale, sing a sixth below
16. Tetrachords

Use the same process for the “white-note” scales.
Play then Sing, ascending
Play then Sing, descending
Sing then Play, ascending
Sing then Play, descending

Switch Right Hand, Left Hand, Both Hands
Play every note and sing
Play every other note and sing
Play fewer and fewer notes until singing a capella
17. Sing and Play Technique for Intervals

**Upward intervals**

**Thirds**

Sing Hum Sing 'Mouth' Sing Sing

**Fourths**

**Fifths**

**Sixths**

**Sevenths**

**Octaves**

**Downward intervals**

**Thirds**

**Fourths**

**Fifths**

**Sixths**

**Sevenths**

**Octaves**
Sing and Play

Technique for Intervals II

18. Seconds

Sing

Play 1

Play 2

Play 3

Play 4

19. Thirds

Sing

Play 1

Play 2

Play 3

Play 4
20. Fourths

Practice the following in a similar manner, reducing and altering what you play.

21. Fifths
22. Sixths

Sing

23. Sevenths

Sing

24. Octaves

Sing
25. Scale Technique for Triads

Major

Sing

Play

Minor

Sing

Play

Diminished

Sing

Play

Augmented*

Sing

Play

*Note the use of f#
26. Sing and Play Technique for Arpeggios

Play and sing as directed.

**Major**

**Sing**

**Play**

**Minor**

**Sing**

**Play**

**Susser**
27. Arpeggio

Play arpeggios in Major and Minor, singing in unison, and in harmony with the piano.
28. Unmetered Melodies

See Instructions Below

Sing and play each measure separately.
Switch right hand, left hand, both hands
Play every note and sing
Play every other note and sing
Play fewer and fewer notes until singing all four notes a capella