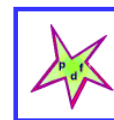




Music 12A & Music 12B Handouts



All the handouts for Piano 1 and Piano 2 are listed in the table below. Print them out, put them together in a booklet or binder, and bring them to class each week. You can obtain free staff paper at the following URL:

<http://freestaffpaper.cjb.net>. Be sure to include three or four sheets of staff paper in your booklet.

Cover	Booklet Cover
Handout 1	Sitting at the Keyboard
Handout 2	Note Values
Handout 3	5-Finger Patterns
Handout 4	First Song
Handout 5	Staffs and Clefs
Handout 6	Intervals: 2nds & 3rds
Handout 7	Intervals: 4ths, 5ths, 6th, 7ths & octaves
Handout 8	Chord Sheet 1: Major/Minor Chords
Handout 9	Chord Sheet 2: Chord Inversions
Handout 10	Chord Sheet 3: I V I Progression
Handout 11	Chord Sheet 4: I IV I V I Progression
Handout 12	Chord Sheet 5: Accompaniment Patterns
Handout 13	Major Scales
Handout 14	Key Signatures: Circle of 5ths
Handout 15	12-Bar Blues
Handout 16	Harmonization: Lightly Row
Handout 17	Harmonization: Twinkle Twinkle Little Star

Handout 18	Five Qualities of Seventh Chords
Handout 19	Voicings for Seventh Chords
Handout 20	Music 12A and Internet Resources

[| Music Department | Creative Arts Division| De Anza College |](#)

Last updated June 23, 2003

[Music Department](#)
[Creative Arts Division](#)
[De Anza College](#)

Music 12A: Piano 1

Prerequisites: None (Music 10A recommended)

Time: 6:30-9:10 PM Thursday

Place: A29 De Anza Campus

Instructor: Gail Hicks

Instructor Bio: [De Anza Music Faculty](#)

E-mail: ghicksmusic@yahoo.com



The aim of the course is to develop practical keyboard facility and reading skills as efficiently as possible. The following areas will be included in the course curriculum: major scales (C,G,D,A,E), major and minor triads, harmonization of melodies with I, IV, and V chords, prepared performances of selected pieces, ensemble playing, and improvisation in a variety of styles, rhythms, and textures.

The final grade for the quarter will be determined by the total on the Skill Checkpoints (30%), the Midterm Examination (30%), and the Final Examination (40%).

To check the current schedule of classes, click on "Classes" on the main menu of the [De Anza College](#) website.

To register for this class, click on "Apply and Register" on the main menu of the [De Anza College](#) website and follow the instructions contained in that section.

Required Textbooks

Joy of First-Year Piano by Denes Agay

Side by Side Duets, Part 1 by Ted Cooper and Amy Glennon

[Music 12A Handouts](#) by Gail Hicks

Additional Resources

Scales and Arpeggios by Anna Poklewski

Lead Lines and Chord Changes by Ann Collins

Skill Checkpoints and Assignments	
Class 1	No skills due. Agay: Read pp.3-10 Collins: No assignment
Class 2	No skills due. 5-Finger Patterns Agay: New Pieces pp. 11-12 Collins: My Favorite Things
Class 3	No skills due. Agay: Review piece p. 12 Agay: New Pieces pp. 14, 15, and 16 Collins: My Favorite Things
Class 4	Skill 1: Posture Skill 2: 5-Finger Patterns Agay: Review pieces pp. 14, 15, and 16 Agay: New pieces pp. 17, 18, and 19 Collins: My Favorite Things

Class 5	Skill 3: "Good King Wenceslas," <i>Joy of Piano</i> p. 16 Skill 4: Intervals: 2nds, 3rds, 4ths, and 5ths Agay: Review pieces pp. 17, 18, and 19 Agay: New piece pp. 23 Collins: My Favorite Things
Class 6	Skill 5: Major/minor triads Skill 6: Drop/lift technique Agay: Review pieces pp. 17, 18, and 19 Agay: New pieces pp. 23 Collins: Do-Re-Mi
Class 7	Skill 7: Chord Inversions in C and G Prepare Midterm Examination Collins: Do-Re-Mi
Class 8	Midterm Examination Agay: New pieces pp. 26, 28, and 34 Collins: Do-Re-Mi
Class 9	Skill 8: Harmonization Agay: New pieces pp. 55 Collins: Do-Re-Mi
Class 10	Skill 9: Chords: I IV I V I in C, G, and D Skill 10: Scales: Hands together in C, G, and D Collins: Do-Re-Mi Prepare Recital
Class 11	Recital
Class 12	Final Examination

[| Top of Page |](#)

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Last updated April 9, 2002

Software used to develop this website: Dreamweaver 4, Photoshop 6.0, & Finale 2001.



Music 12A Handouts



All the handouts for Piano 1 are listed in the table below. Print them out, put them together in a booklet or binder, and bring them to class each week. You can obtain free staff paper at the following URL: <http://freestaffpaper.cjb.net>. Be sure to include three or four sheets of staff paper in your booklet.

Cover	Booklet Cover
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Last updated June 23, 2003

**Music 12A Piano 1
Music 12B Piano 2
Handouts**

**Gail Hicks, Instructor
De Anza College**



Sitting at the Keyboard

Here are some tips for good posture at the keyboard.

- Sit on the front half of the bench.
- Sit at a height that will keep the forearm horizontal to the floor.
- Sit far enough from the piano that the forearm has to reach, thus eliminating the right angle at the elbow.
- Keep the upper body quiet and the shoulders relaxed.
- The large hand-knuckles should remain arched whenever possible.
- For maximum tonal control the finger tip must begin on the key surface.
- A flexible, movable wrist is also important.

Pretend that you have your hands on the handlebars of a bicycle and then let your fingers relax out. The resulting position will work just fine at the keyboard.



Worksheet 2
Music 12A Piano 1

Note Values

Page 2

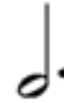
Whole Note

Four counts



Dotted Half Note

Three counts



Half Note

Two counts



Quarter Note

One count



Eighth Note

Half count



or





Worksheet 3
Music 12A Piano 1

5-Finger Patterns

Page 3

How to Form a 5-Finger Pattern

- * First tone: Tonic
- * Second tone: Whole Step Up
- * Third tone: Whole Step Up
- * Fourth tone: Half Step Up
- * Fifth tone: Whole Step Up

Ode to Joy

3 3 4 5 | 5 4 3 2 | 1 1 2 3 | 3 2 2 -
 3 3 4 5 | 5 4 3 2 | 1 1 2 3 | 2 1 1 -

To be played with the right hand

Aura Lee

5 2 3 2 | 1 4 1 - | 2 3 4 3 | 2 - - -
 5 2 3 2 | 1 4 1 - | 2 3 4 3 | 2 - - -

To be played with the left hand

When the Saints Go Marching In

RH: 1 3 4 5 -- 1 3 4 5 -- 1 3 4 5 3 1 3 2 --
 LH: _ _ _ 5 - - _ _ _ 5 - - _ _ _ 5 _ _ 2 - -

RH: 3 3 2 1 - 1 3 5 5 5 4 - - 3 4 5 3 1 2 1 - -
 LH: _ _ _ 5 - _ _ _ _ 2 - _ _ _ _ 5 _ _ _ 5 - -



Worksheet 4

First Song

Page 4

Music 12A Piano 1

First Song was composed by
Lynn Freeman Olson

Pattern 1



Pattern 2



First Song Pattern



1. Play *First Song* on C, D, and E. Use the index finger of each hand. Start with the right hand on middle C and the left hand on the C to the left of middle C. The left hand will cross over the the right hand at least one time while playing each pattern.

2. Play *First Song* on E, F, and G.

3. Play *First Song* on G, A, and B

4. Play *First Song* on A, B, and C



Worksheet 5

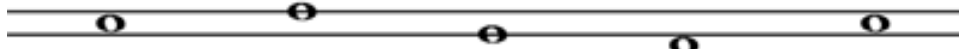
Staffs and Clefs

Music 12A
Piano 1

Lines &
Spaces
1



Lines &
Spaces
2



Treble
(G) Clef



Bass
(F) Clef



Grand
Staff





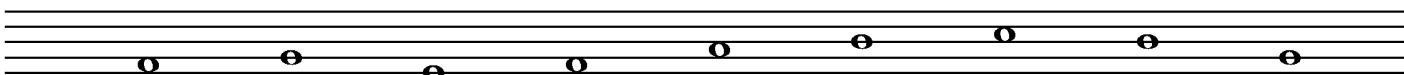
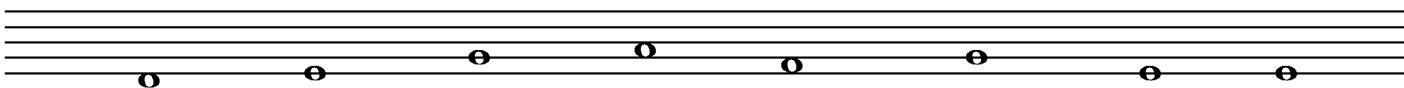
Intervals: 2nds & 3rds

Worksheet 6

Page 6

Music 12A Piano 1

Mark the 3rds in the lines below.





Intervals: 4ths, 5ths, 6ths, 7ths & Octaves

Identify the intervals in the lines below.

10



Handout 8
 Music 12A Piano 1

Chord Sheet 1

Major/Minor Triads

Page 8

Aunt Rhody

Chord Symbols: G G D G
 Pop Music G G D G

Chord Symbols: I I V I
 Classical Music I I V I

How Many Roads

Chord Symbols: G C G G 3 times
 Pop Music G C D D

C D G G 2 times

Chord Symbols: I IV I I 3 times
 Classical Music I IV V V

IV V I I 2 times



Chord Sheet 2 Chord Inversions

Worksheet 9

Page 9

Music 12A Piano 1



I

I₆

I₆₄

I

Root position: Major/minor chord root (C) is lowest note in the chord.

First inversion: Major/minor chord third (E) is lowest note in the chord.

Second inversion: Major/minor chord fifth (G) is lowest note in the chord.



Chord Sheet 3

I V⁷ I Progression

Handout 10

Music 12A Piano 1

Page 10

To play the I V⁷ I
progression in any major
key:

1. Form a major triad
2. Shift to the V⁷ chord by:
 - * Moving the chord root down 1/2 step
 - * Moving the chord third up 1/2 step
 - * Repeating the chord fifth
3. Repeat the I chord

Try the I V⁷ I progression in the keys shown below: C, G, D, A, and E.



Refer to the C scale below during the class discussion of the I V⁷ I chord.





Handout 11
 Music 12A Piano 1

Chord Sheet 4

I IV I V⁷ I Progression

Page 11

To play the I IV I V⁷ I
 progression in any key:

1. Form a major triad
2. Shift to the IV chord by:
 - * Repeating the chord root
 - * Moving the chord third up 1/2 step
 - * Moving the chord fifth up a whole step
3. Repeat the I Chord
4. Shift to the V⁷ chord by:
 - * Moving the chord root down 1/2 step
 - * Moving the chord third up 1/2 step
 - * Repeating the chord fifth
5. Repeat the I chord





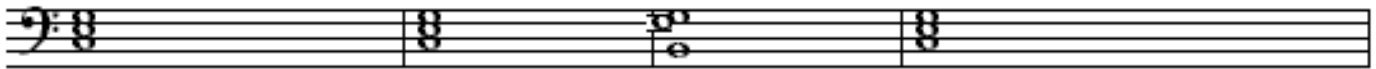
Chord Sheet 5: Accompaniment Patterns

Handout 12

Page 12

Music 12A Piano 1

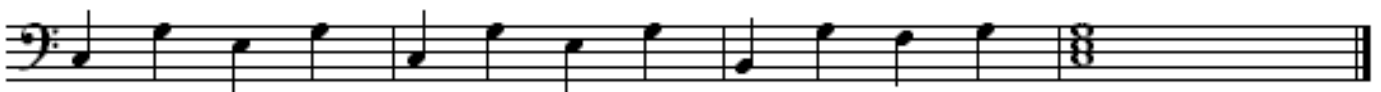
Block Chord Accompaniment



Broken Chord Accompaniments



Alberti Bass Accompaniment





Major Scales

Handout 13
Music 12A Piano 1

Page 13

Major scales: C, G, D, A and E

Right hand fingering: 1 2 3 1 2 3 4 1 2 3 1 2 3 4 5

Left hand fingering: 5 4 3 2 1 3 2 1 4 3 2 1 3 2 1

C Scale

The image displays the C major scale in two systems. The first system is written in bass clef, showing the ascending scale (C2 to C4) and the descending scale (C4 to C2). The second system is written in treble clef, showing the ascending scale (C4 to C5) and the descending scale (C5 to C4). The notes are: C, D, E, F, G, A, B, C, B, A, G, F, E, D, C. The fingering for the right hand is 1 2 3 1 2 3 4 1 2 3 1 2 3 4 5, and for the left hand is 5 4 3 2 1 3 2 1 4 3 2 1 3 2 1.

G Scale **D Scale**

The first system of music contains two scales. The **G Scale** is written in treble clef and consists of the notes G4, A4, B4, C5, B4, A4, G4. The **D Scale** is written in treble clef and consists of the notes D4, E4, F#4, G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4. The bass clef part of the G scale consists of G3, A3, B3, C4, B3, A3, G3. The bass clef part of the D scale consists of D3, E3, F#3, G3, A3, B3, C4, B3, A3, G3, F#3, E3, D3. Vertical blue lines separate the two scales.

A Scale **E Scale**

The second system of music contains two scales. The **A Scale** is written in treble clef and consists of the notes A3, B3, C#4, D4, E4, F#4, G#4, A4. The **E Scale** is written in treble clef and consists of the notes E3, F#3, G#3, A3, B3, C#4, D4, E4. The bass clef part of the A scale consists of A2, B2, C#3, D3, E3, F#3, G#3, A3. The bass clef part of the E scale consists of E2, F#2, G#2, A2, B2, C#3, D3, E3. Vertical blue lines separate the two scales.

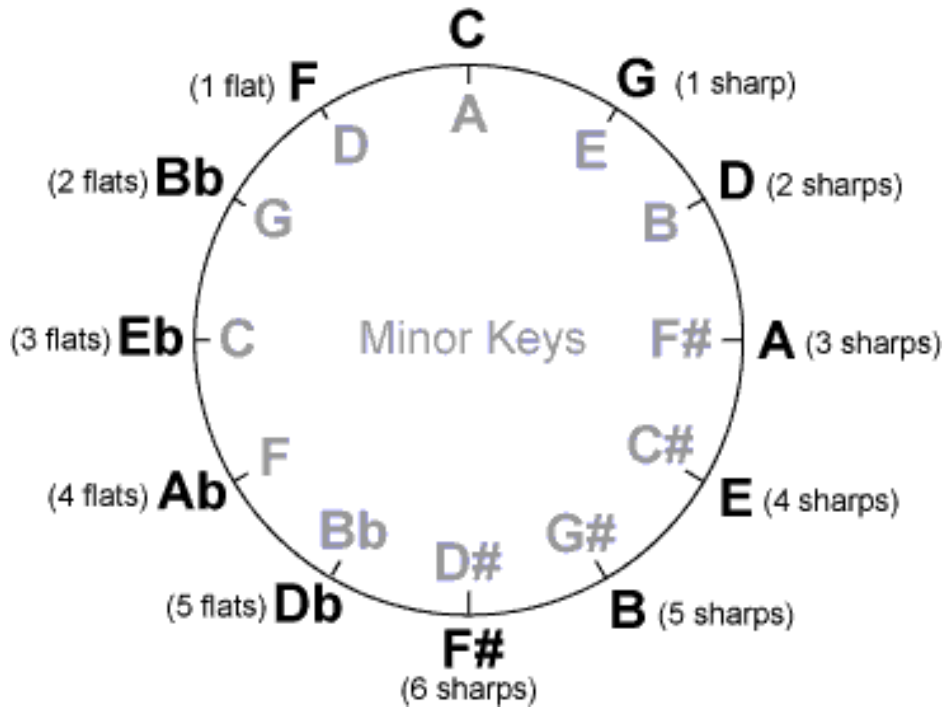


Key Signatures Circle of 5ths

Handout 14

Page 14

Music 12A Piano 1



The diagram illustrates the 12 chromatic scale (C, C#, D, D#, E, E#, F, F#, G, G#, A, A#) arranged in a circle. Each note is associated with a specific chord, shown in musical notation on a treble clef staff. The chords are: C (C major), C# (C# minor), D (D major), D# (D# minor), E (E major), E# (E# minor), F (F major), F# (F# minor), G (G major), G# (G# minor), A (A major), and A# (A# minor). The circle also contains the letters 'a', 'b', 'c', 'd', 'e', 'f', 'g' corresponding to the notes. At the bottom, there are two musical staves showing chromatic scales: the first is a descending scale from D# to C# (D# C# B# B A# A G# G F# F E# E D#), and the second is an ascending scale from C# to A# (C# D# E# F# G# A#). The diagram also includes some enharmonic equivalents: bb-a# and eb-d# are shown as equivalent to a# and d# respectively, and ab-g# is shown as equivalent to g#.



12-Bar Blues Chord Voicings

Handout 15

Page 15

Music 12A Piano 1

12-Bar Blues

Musical notation for the first system of the 12-bar blues. It consists of two staves: a treble clef staff with four F7 chords and a bass clef staff with a descending eighth-note line. The treble staff has a key signature of one flat and a 4/4 time signature. The bass staff has a 4/4 time signature. The chords are F7, F7, F7, and F7.

Musical notation for the second system of the 12-bar blues. It consists of two staves: a treble clef staff with four chords (Bb7, Bb7, F7, F7) and a bass clef staff with a descending eighth-note line. The treble staff has a key signature of one flat and a 4/4 time signature. The bass staff has a 4/4 time signature. The chords are Bb7, Bb7, F7, and F7.

Musical notation for the third system of the 12-bar blues. It consists of two staves: a treble clef staff with four chords (C7, Bb7, F7, F7) and a bass clef staff with a descending eighth-note line. The treble staff has a key signature of one flat and a 4/4 time signature. The bass staff has a 4/4 time signature. The chords are C7, Bb7, F7, and F7.

Blues Scale



Handout used with the permission of Bill Bell, "The Jazz Professor"



Harmonization Lightly Row

Handout 16

Page 16

Music 12A Piano 1

Lightly Row

The image shows two systems of musical notation for the piano accompaniment of 'Lightly Row'. Each system consists of two staves: a treble clef staff for the right hand and a bass clef staff for the left hand. The key signature is one sharp (F#), indicating C major. The time signature is 4/4. The first system has four measures with the following chords: C, G7, C, and C. The second system also has four measures with the same chord sequence: C, G7, C, and C. The melody in the right hand consists of quarter notes, and the bass line in the left hand consists of whole notes.



Harmonization Twinkle Twinkle

Handout 17

Page 17

Music 12A Piano 1

Twinkle Twinkle Little Star

C C F C F C G⁷ C

C C F C F C G⁷ C

C F C G⁷ C F C G⁷

C C F C F C G⁷ C



Five Qualities of Seventh Chords

Seventh Chord Examples and Pop Music Chord Notation

Major 7th C maj⁷ Dominant 7th C⁷

Minor 7th C min⁷ Half Diminished 7th C min 7(b⁵)

Diminished 7th C^{o7}



Voicings for Seventh Chords

Chord Voicing: Regrouping the notes of a chord for better sound.
Chord Progression: When one chord moves to another

Position 1 **Position 2**

4 Note Voicings

Dm7 G7 C maj 7 Dm7 G7 C maj 7

Pos 1 Pos 2 Pos 1 Pos 2 Pos 1 Pos 2

3 Note Voicings

The image shows a musical score for piano, consisting of two staves: a treble clef staff on top and a bass clef staff on the bottom. The music is written in a 2/4 time signature. The first measure of the treble staff contains three chords: a G4-A4-B4 triad, a G4-A4-B4 triad, and a G4-A4-B4 triad. The second measure of the treble staff contains three chords: a G4-A4-B4 triad, a G4-A4-B4 triad, and a G4-A4-B4 triad. The first measure of the bass staff contains three notes: G3, A3, and B3. The second measure of the bass staff contains three notes: G3, A3, and B3. The piece ends with a double bar line.



Internet Resources

To obtain information about buying acoustic pianos, check out The Piano Page of the Piano Technicians Guild at: <http://www.ptg.org>

For reviews of electronic keyboards, check epinions at:
http://www.epinions.com/inst-Keyboards_MIDI-All-Keyboards.

To obtain blank (and free) sheets of music staff paper, check out the following URL at:
<http://freestaffpaper.cjb.net/>.

To download basic music notation software (also free), check the following URL:
<http://www.codamusic.com>.

To find a piano teacher in the area, check out the website of the Music Teachers National Association at: <http://www.ptg.org>.

Alternatively, you will also be able to find a piano teacher at the Community School for Music and Art in Mountain View: <http://www.arts4all.org>.

If you are interested in jazz piano, check out this school in Berkeley:
<http://www.jazzschool.com>.

For an online music theory tutorial, check out the following website
:<http://www.musictheory.net>.

For free sheet music (classical), check out the Nissimo website at:
<http://nissimo.com/index>.

**Music 12A Piano 1
Music 12B Piano 2
Handouts**

**Gail Hicks, Instructor
De Anza College**



Worksheet 1
Music 12A Piano 1

Sitting at the Keyboard

Page 1

Here are some tips for good posture at the keyboard.

- Sit on the front half of the bench.
- Sit at a height that will keep the forearm horizontal to the floor.
- Sit far enough from the piano that the forearm has to reach, thus eliminating the right angle at the elbow.
- Keep the upper body quiet and the shoulders relaxed.
- The large hand-knuckles should remain arched whenever possible.
- For maximum tonal control the finger tip must begin on the key surface.
- A flexible, movable wrist is also important.

Pretend that you have your hands on the handlebars of a bicycle and then let your fingers relax out. The resulting position will work just fine at the keyboard.



Worksheet 2
Music 12A Piano 1

Note Values

Page 2

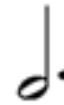
Whole Note

Four counts



Dotted Half Note

Three counts



Half Note

Two counts



Quarter Note

One count



Eighth Note

Half count



or





Worksheet 3
 Music 12A Piano 1

5-Finger Patterns

Page 3

How to Form a 5-Finger Pattern

- * First tone: Tonic
- * Second tone: Whole Step Up
- * Third tone: Whole Step Up
- * Fourth tone: Half Step Up
- * Fifth tone: Whole Step Up

Ode to Joy

3 3 4 5 | 5 4 3 2 | 1 1 2 3 | 3 2 2 -
3 3 4 5 | 5 4 3 2 | 1 1 2 3 | 2 1 1 -

To be played with the right hand

Aura Lee

5 2 3 2 | 1 4 1 - | 2 3 4 3 | 2 - - -
5 2 3 2 | 1 4 1 - | 2 3 4 3 | 2 - - -

To be played with the left hand

When the Saints Go Marching In

RH: 1 3 4 5 -- 1 3 4 5 -- 1 3 4 5 3 1 3 2 --
LH: _ _ _ 5 - - _ _ _ 5 - - _ _ _ 5 _ _ 2 - -

RH: 3 3 2 1 - 1 3 5 5 5 4 - - 3 4 5 3 1 2 1 - -
LH: _ _ _ 5 - _ _ _ _ 2 - _ _ _ _ 5 _ _ _ 5 - -



Worksheet 4

First Song

Page 4

Music 12A Piano 1

First Song was composed by
Lynn Freeman Olson

Pattern 1



Pattern 2



First Song Pattern



1. Play *First Song* on C, D, and E. Use the index finger of each hand. Start with the right hand on middle C and the left hand on the C to the left of middle C. The left hand will cross over the the right hand at least one time while playing each pattern.

2. Play *First Song* on E, F, and G.

3. Play *First Song* on G, A, and B

4. Play *First Song* on A, B, and C



Worksheet 5

Staffs and Clefs

Music 12A
Piano 1

Lines &
Spaces
1



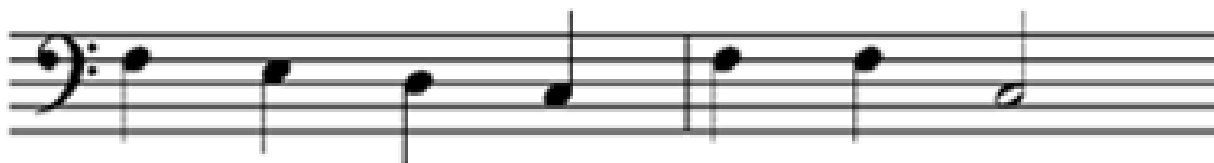
Lines &
Spaces
2



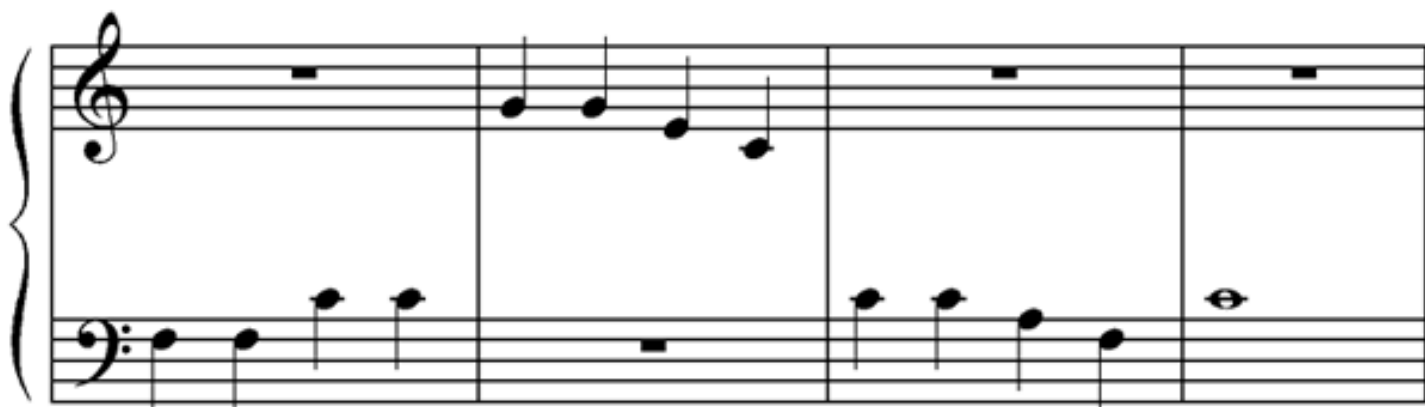
Treble
(G) Clef



Bass
(F) Clef



Grand
Staff





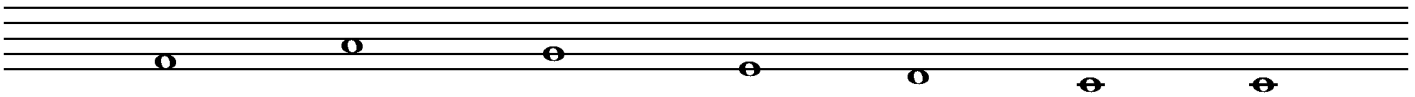
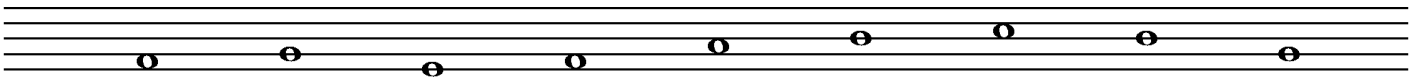
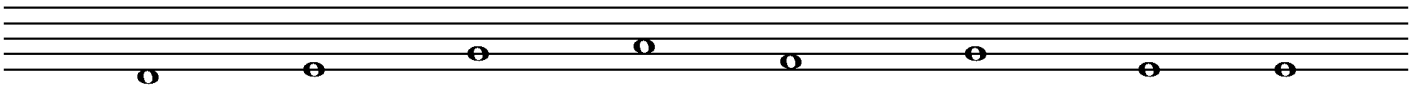
Intervals: 2nds & 3rds

Worksheet 6

Page 6

Music 12A Piano 1

Mark the 3rds in the lines below.





Intervals:

4ths, 5ths, 6ths, 7ths & Octaves

Worksheet 7

Page 7

Music 12A Piano 1

Identify the intervals in the lines below.

10



Handout 8
 Music 12A Piano 1

Chord Sheet 1

Major/Minor Triads

Page 8

Aunt Rhody

Chord Symbols: G G D G
 Pop Music G G D G

Chord Symbols: I I V I
 Classical Music I I V I

How Many Roads

Chord Symbols: G C G G 3 times
 Pop Music G C D D

 C D G G 2 times

Chord Symbols: I IV I I 3 times
 Classical Music I IV V V

 IV V I I 2 times



Chord Sheet 2

Chord Inversions

Worksheet 9

Music 12A Piano 1

Page 9

The image shows a grand staff with two staves (treble and bass clef) and a brace on the left. It contains four chord diagrams. The first diagram is a C major chord in root position (C-E-G) with the label 'I' below it. The second diagram is a C major chord in first inversion (E-G-C) with the label 'i₆' below it. The third diagram is a C major chord in second inversion (G-C-E) with the label 'i₆₄' below it. The fourth diagram is a C minor chord in root position (C-Eb-G) with the label 'i' below it.

Root position: Major/minor chord root (C) is lowest note in the chord.

First inversion: Major/minor chord third (E) is lowest note in the chord.

Second inversion: Major/minor chord fifth (G) is lowest note in the chord.



Chord Sheet 3

I V⁷ I Progression

Handout 10

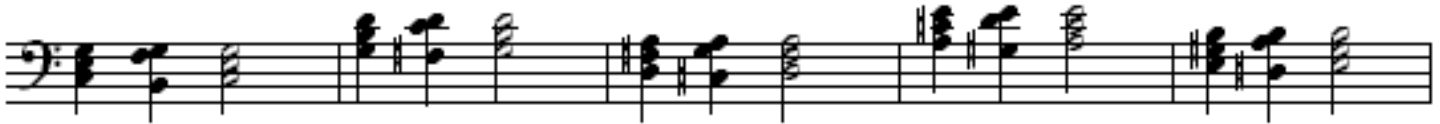
Page 10

Music 12A Piano 1

To play the I V⁷ I
 progression in any major
 key:

1. Form a major triad
2. Shift to the V⁷ chord by:
 - * Moving the chord root down 1/2 step
 - * Moving the chord third up 1/2 step
 - * Repeating the chord fifth
3. Repeat the I chord

Try the I V⁷ I progression in the keys shown below: C, G, D, A, and E.



Refer to the C scale below during the class discussion of the I V⁷ I chord.





Handout 11
 Music 12A Piano 1

Chord Sheet 4

I IV I V⁷ I Progression

Page 11

To play the I IV I V⁷ I
 progression in any key:

1. Form a major triad
2. Shift to the IV chord by:
 - * Repeating the chord root
 - * Moving the chord third up 1/2 step
 - * Moving the chord fifth up a whole step
3. Repeat the I Chord
4. Shift to the V⁷ chord by:
 - * Moving the chord root down 1/2 step
 - * Moving the chord third up 1/2 step
 - * Repeating the chord fifth
5. Repeat the I chord





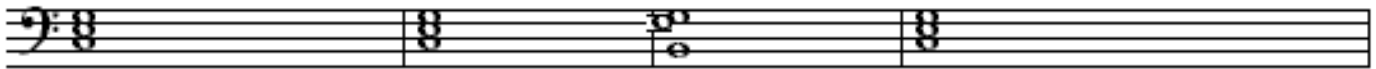
Chord Sheet 5: Accompaniment Patterns

Handout 12

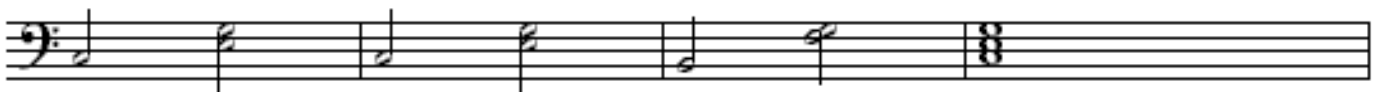
Page 12

Music 12A Piano 1

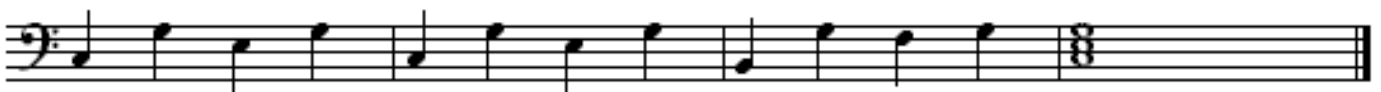
Block Chord Accompaniment



Broken Chord Accompaniments



Alberti Bass Accompaniment





Major Scales

Handout 13
Music 12A Piano 1

Page 13

Major scales: C, G, D, A and E

Right hand fingering: 1 2 3 1 2 3 4 1 2 3 1 2 3 4 5

Left hand fingering: 5 4 3 2 1 3 2 1 4 3 2 1 3 2 1

C Scale

The image displays the C Major scale in two systems. The first system is written in bass clef, showing the scale ascending from C2 to C4 and then descending from C4 to C2. The second system is written in treble clef, showing the scale ascending from C4 to C5 and then descending from C5 to C4. Both systems use quarter notes and include the specified fingering for each hand.

G Scale **D Scale**

The image shows the musical notation for the G and D scales. The G scale is written in the treble clef, and the D scale is written in the bass clef. Both scales are in 2/4 time and consist of eight notes: G, A, B, C, D, E, F#, and G. The notation includes a treble clef for the G scale and a bass clef for the D scale, with a brace on the left side of the piano part. The notes are written in a sequence of quarter notes, with the final note being a half note.

A Scale **E Scale**

The image shows the musical notation for the A and E scales. The A scale is written in the treble clef, and the E scale is written in the bass clef. Both scales are in 2/4 time and consist of eight notes: A, B, C#, D, E, F#, G#, and A. The notation includes a treble clef for the A scale and a bass clef for the E scale, with a brace on the left side of the piano part. The notes are written in a sequence of quarter notes, with the final note being a half note.

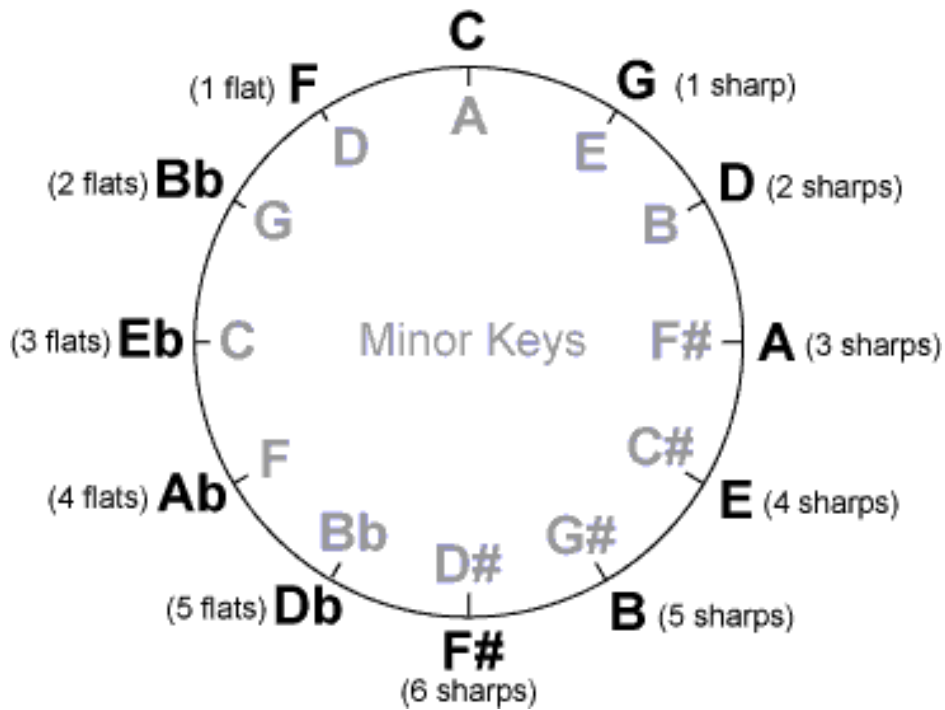


Key Signatures Circle of 5ths

Handout 14

Page 14

Music 12A Piano 1



The diagram illustrates the 12 chromatic scale, centered around a circle. The notes are arranged clockwise from the top: C, C#, D, D#, E, E#, F, F#, G, G#, A, and A#. Each note is associated with a specific chord, shown in a musical staff with its key signature and chord name. The chords are: C (C major), C# (C# minor), D (D major), D# (D# minor), E (E major), E# (E# minor), F (F major), F# (F# minor), G (G major), G# (G# minor), A (A major), and A# (A# minor). The circle also contains the letters 'd', 'a', 'e', 'b', 'f', 'c', 'g', and 'f#' around its perimeter. At the bottom, there are two musical staves showing chromatic scales: the first is a descending scale from D# to C# (D# C# B# B# A# A# G# G# F# F# E# E# D# D# C# C#), and the second is an ascending scale from G# to F# (G# F# E# E# D# D# C# C# B# B# A# A# G# G# F# F#).



Handout 15

Page 15

Music 12A Piano 1

12-Bar Blues Chord Voicings

System 1: Treble clef staff with four F7 chords. Bass clef staff with a descending quarter-note line: Bb, D, F, Ab, Bb, D, F, Ab, Bb, D, F, Ab.

System 2: Treble clef staff with Bb7 chords in bars 5 and 6, and F7 chords in bars 11 and 12. Bass clef staff continues with quarter notes: Bb, D, F, Ab, Bb, D, F, Ab, Bb, D, F, Ab.

System 3: Treble clef staff with C7 chord in bar 9, and F7 chords in bars 11 and 12. Bass clef staff continues with quarter notes: Bb, D, F, Ab, Bb, D, F, Ab, Bb, D, F, Ab.

Blues Scale



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Harmonization Lightly Row

Handout 16

Page 16

Music 12A Piano 1

Lightly Row

The image displays two systems of musical notation for the piano accompaniment of 'Lightly Row'. Each system consists of a treble clef staff and a bass clef staff. The first system contains four measures with the following chords: C, G7, C, and C. The second system also contains four measures with the following chords: C, G7, C, and C. The bass line in both systems is mostly rests, with some notes in the second measure of each system.



Harmonization Twinkle Twinkle

Handout 17

Page 17

Music 12A Piano 1

Twinkle Twinkle Little Star

The musical score for 'Twinkle Twinkle Little Star' is presented in four staves. Each staff contains a sequence of notes and rests, with chord symbols placed above the notes. The chords are: C, C, F, C, F, C, G7, C; C, C, F, C, F, C, G7, C; C, F, C, G7, C, F, C, G7; C, C, F, C, F, C, G7, C.



Five Qualities of Seventh Chords

Seventh Chord Examples and Pop Music Chord Notation

Major 7th C maj⁷ Dominant 7th C⁷

Minor 7th C min⁷ Half Diminished 7th C min 7(b5)

Diminished 7th C^{o7}



Handout 19
Music 12A Piano 1

Voicings for Seventh Chords

Page 19

Chord Voicing: Regrouping the notes of a chord for better sound.
Chord Progression: When one chord moves to another

Position 1 **Position 2**

Piano

4 Note Voicings

Dm7 **G7** **C maj 7** **Dm7** **G7** **C maj 7**

Pos 1 **Pos 2** **Pos 1** **Pos 2** **Pos 1** **Pos 2**

3 Note Voicings

The image shows a musical score for piano, titled "3 Note Voicings". It consists of two staves, a treble clef staff on top and a bass clef staff on the bottom, connected by a brace on the left. The music is written in a 2/4 time signature. The first measure contains three chords in the treble staff: a triad of G4, B4, and D5 (G major), a triad of A4, C5, and E5 (A major), and a triad of B4, D5, and F5 (B major). The bass staff contains three quarter notes: G3, A3, and B3. The second measure contains three chords in the treble staff: a triad of G4, B4, and D5 (G major), a triad of A4, C5, and E5 (A major), and a triad of B4, D5, and F5 (B major). The bass staff contains three quarter notes: G3, A3, and B3. The piece ends with a double bar line.



Internet Resources

To obtain information about buying acoustic pianos, check out The Piano Page of the Piano Technicians Guild at: <http://www.ptg.org>

For reviews of electronic keyboards, check epinions at:
http://www.epinions.com/inst-Keyboards_MIDI-All-Keyboards.

To obtain blank (and free) sheets of music staff paper, check out the following URL at:
<http://freestaffpaper.cjb.net/>.

To download basic music notation software (also free), check the following URL:
<http://www.codamusic.com>.

To find a piano teacher in the area, check out the website of the Music Teachers National Association at: <http://www.ptg.org>.

Alternatively, you will also be able to find a piano teacher at the Community School for Music and Art in Mountain View: <http://www.arts4all.org>.

If you are interested in jazz piano, check out this school in Berkeley:
<http://www.jazzschool.com>.

For an online music theory tutorial, check out the following website
:<http://www.musictheory.net>.

For free sheet music (classical), check out the Nissimo website at:
<http://nissimo.com/index>.