

C major and Off-Beats

Scales, Rhythms, & Bowings

Finger Patterns for C major

Violin

Viola

Cello

Contrabass

G-String: 0 1 2 3 4

D-String: 0 1 L2 3 4

A-String: 0 1 L2 3 4

Vln.

Vla.

Vc.

Cb.

E-String (Violin, Bass): 7 0 L1 L2 3 4

C-String (Viola, Cello): 0 1 2 3 4

A-String: 0 1 L2 3 4 3 L2 1 0 4

E-String (Violin, Bass): 0 1 2 3 4

C-String (Viola, Cello): 0 1 x2 4 0

A-String: 0 1 2 4 1 4 2 1 0 1

E-String (Violin, Bass) 1/2 pos.: 0 1 4 0 1

C-String (Viola, Cello): 0 1 2 0 1 0 2 1 0 0

C major Scale

14 3 4 1 L2 3 4 1 L2 0 0 3

3 4 1 L2 3 4 1 L2 0 0 3

4 0 1 2 4 0 1 2 4 0 3

2 0 1 2 0 1 2 4 2 1 2

1/2 pos. 4 0 0 1 4 0 2 4 (1/2 pos) 0 4

Play top line unless told to play bottom line!

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Rhythm and Bowing Patterns using C major

A **B** **C** **D**

What note makes the most sense to end with using the rhythm in B and C?

D has Off-Beats**, set the bow each time!

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Off-Beat: Notes that are played "off-the-beat." For us this means the AND of "1-and 2-and 3-and 4-and"³

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Vln. AND-2-AND AND-2-AND AND-2-AND

Vla. AND-2-AND AND-2-AND AND-2-AND

Vc. AND-2-AND AND-2-AND AND-2-AND

Cb. AND-2-AND AND-2-AND AND-2-AND

Arpeggios* with Off-Beats and Variations

① ② ③ ④

Vln. V 3 1 0 4 V 3 1 4 2 V 3 1 4 2 V 1 0 3 0 1

Vla. V 3 1 0 4 V 3 1 4 2 V 3 1 4 2 V 2 1 0 3 0 1

Vc. V 4 1 0 0 V 4 1 0 3 V 4 1 0 3 V 3 1 0 4 0 1

Cb. V 2 1 0 1 V 2 1 0 1 V 2 1 0 1 V 1 1 0 2 0 1

Moments with Off-beats

All Together on #1

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Vln. 0 1 1 0 L2 3 L2 1 0 3 3 L2 0

Vla. 0 3 1 0 L2 3 L2 1 0 3 0 3 1

Vc. 0 4 1 0 2 4 2 1 0 4 0 4 1

Cb. 2 2 1 0 2 0 2 1 0 2 0 2 0

We learn these next two lines separate, and then we can play them together!

Line 1

40

Vln. 0 2 1 0 3 0 1 L2 1 0 3 1 0 2 3 1 4 2 1

Vla. 0 2 1 0 3 0 1 L2 1 0 1 3 1 0 2 3 1 4 2 1

Vc. 0 3 1 0 4 0 1 2 1 0 1 4 1 0 3 4 0 1 0 1 1

Cb. 2 1 1 0 2 0 1 2 1 0 0 2 1 0 1 2 0 1 0 1 1

Line 2

The musical score for Line 2 consists of four staves: Violin (Vln.), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.). The music is in C major and 7/8 time. Measure 46 is marked with a '46' and a 'V' above the staff. The fretting diagrams for each staff are as follows:

- Vln.:** 0 2 1 0 3 0 1 | L2 1 0 | - | 1 3 1 4 2 | V | 3
- Vla.:** 0 2 1 0 3 0 1 | L2 1 0 | - | 1 3 1 4 2 | V | 3
- Vc.:** 0 3 1 0 4 0 1 | 2 1 0 | - | 1 4 1 0 3 | V | 4
- Cb.:** 2 1 1 0 2 0 1 | 2 1 0 | - | 0 2 1 0 1 | V | 2

The notation includes eighth notes, quarter notes, and half notes, with some notes beamed together. The 'L2' indicates a second ledger line. The 'V' symbol above the staves indicates a breath mark or a specific articulation point.