

SCALES AND ARPEGGIOS FOR THE VIOLA

RUDOLF HAKEN VIOLA STUDIO UNIVERSITY OF ILLINOIS

The arpeggios in this book are the same as in the Carl Flesch Scale System. As in the Flesch system, minor scales are in melodic form for single stops, and harmonic form for double stops. For quick mastery of scales and arpeggios in all keys, the following changes have been made from the Flesch system:

1. Scales are ordered chromatically rather than by the circle of fifths.
2. Fingerings follow the same pattern for every key, and are identical ascending and descending. For scales in the higher positions, fingerings are modified to facilitate execution of the highest pitches. Once scales and arpeggios have been mastered in all keys, they can be practiced with a variety of fingerings.
3. Double-stop scales have a span of only one octave. Once this is mastered, students are ready to learn double-stop scales in two and three octaves. Before attempting scales in thirds, sixths, and octaves, refer to the Guide to Scales in Double Stops which is available for download at www.rudolfhaken.com

© 2010 Rudolf Haken
University of Illinois School of Music
1114 W. Nevada St.
Urbana, IL 61801 USA
Email rudolfhaken@rudolfhaken.com
Website www.rudolfhaken.com
Tel. 217-369-7401
Printed using LIME music notation software
available at www.cerlsoundgroup.org

RUDOLF HAKEN VIOLA STUDIO

SCALES AND ARPEGGIOS

REQUIREMENTS

Students must play scales and arpeggios in all keys as part of their regular practice regimen. Scales and etudes are to be played for the string faculty for technique juries held in November. For juries, you must be prepared to play scales and arpeggios in all keys; the faculty will then choose two keys for you to perform. Perfect intonation and fluent execution are expected. Slur 1 or 2 bows per measure.

Requirements are the same for performance majors and music education majors.

Freshman / sophomore: Scales and arpeggios in all keys, no double stops.

Junior / senior: Scales and arpeggios in all keys, including sixths and thirds

Master's / DMA: Scales and arpeggios in all keys, including thirds, sixths, and octaves.

Students are not required to use fingerings in this book. However, if other fingerings are used, students must provide a copy of the scales with their fingerings clearly marked for each key. Students who have previously studied the Galamian scale system may use the Galamian system instead of Flesch.

SCALE PATTERNS FOR ALL MAJOR AND MINOR SCALES

major

1 2 3 4 5 6 7 8
tonic supertonic mediant subdominant dominant submediant leading tone tonic

natural minor

1 2 3 4 5 6 7 8

harmonic minor

1 2 3 4 5 6 7 8
3 half-steps

melodic minor (ascending)

1 2 3 4 5 6 7 8

melodic minor (descending)

8 7 6 5 4 3 2 1

C MAJOR / C MINOR

1 II 1 II 4 1 3 1 2

1 II 1 II 4 1 3 1 2

1 II 1 1 0 1 1 0 II 1 1 0

1 II 1 2 1 1 2 1 II 1 2 1

1 II 1 2 1 1

2 4 1 1 3 4 2 1 3 4 2 4 2 4 3 1 2 4 3 1 4 2 II

1 II 1 3 2 III 2

D 1 2 1 2 A 1 2 1 2 1 2 1 D 2 1 2 1

G 3 4 3 4 D 3 4 3 4 3 4 3 G 4 3 4 3

D 1 2 1 2 A 1 2 1 2 1 2 1 D 2 1 2 1

G 3 4 3 4 D 3 4 3 4 3 4 3 G 4 3 4 3

G 2 2 3 4 D 2 2 3 4 3 2 2 G 4 3 2 2

C 1 1 2 3 G 1 1 2 3 2 1 1 C 3 2 1 1

G 2 2 3 4 D 2 2 4 4 4 2 2 G 4 3 2 2

C 1 1 2 3 G 1 1 3 3 3 1 1 C 3 2 1 1

all first and fourth finger

D A D

G D G

all first and fourth finger

D A D

G D G

C# MAJOR / C# MINOR

This page contains ten systems of musical notation for the C# Major / C# Minor scales and arpeggios for the viola. Each system consists of two staves: a bass staff on the left and a treble staff on the right. The notation includes scales, arpeggios, and specific fingering instructions. Roman numerals (I, II, III) are placed above the notes to indicate fingerings. Some notes are enclosed in boxes, likely indicating specific fingering or bowing techniques. The scales are written in a sequence of ascending and descending lines, with some systems including arpeggiated patterns. The key signature is one sharp (F#), and the time signature is not explicitly shown but appears to be common time (C).

D 1 2 1 2 A 1 2 1 2 D 1 2 1

G 3 4 3 4 D 3 4 3 4 G 4 3 4 3

D 1 2 1 2 A 1 2 1 2 D 2 1 2 1

G 3 4 3 4 D 3 4 3 4 G 4 3 4 3

G 2 2 3 4 D 2 2 3 4 G 4 3 2 2

C 1 1 2 3 G 1 1 2 3 C 3 2 1 1

G 2 2 3 4 D 2 2 4 4 G 4 3 2 2

C 1 1 2 3 G 1 1 3 3 C 3 2 1 1

all first and fourth finger

G D G

C G C

all first and fourth finger

G D G

C G C

D MAJOR / D MINOR

1 III I II I II II III III
1 1 1 4 1 3 1 3

1 III I II I II II III III
1 1 1 4 1 3 1 3

1 II I 1 1 1 II 1 1

1 II 1 2 2 1 II 1 2 2

1 II 1 2 2 II 2 2

1 3 4 2 II 1 3 4 2 4 2 4 3 1 2 4 3 1 2 4 3

1 II I II III
1 1 3 3

D ————— A ————— D —————

1 2 1 2 1 2 1 2 1 2 1 2 1 2 1

G ————— D ————— G —————

3 4 3 4 3 4 3 4 3 4 3 4 3 4 3

D ————— A ————— D —————

1 2 1 2 1 2 1 2 1 2 1 2 1 2 1

G ————— D ————— G —————

3 4 3 4 3 4 3 4 3 4 3 4 3 4 3

G ————— D ————— G —————

2 2 3 4 2 2 3 4 3 2 2 4 3 2 2

C ————— G ————— C —————

1 1 2 3 1 1 2 3 2 1 1 3 2 1 1

G ————— D ————— G —————

2 2 3 4 2 2 4 4 4 2 2 4 3 2 2

C ————— G ————— C —————

1 1 2 3 1 1 3 3 3 1 1 3 2 1 1

all first and fourth finger

G ————— D ————— G —————

C ————— G ————— C —————

all first and fourth finger

G ————— D ————— G —————

C ————— G ————— C —————

E \flat MAJOR / E \flat MINOR

1 III 1 II 1 II 4 II 1 3 III III 1 3

1 III 1 II 1 II 4 II 1 3 III III 1 3

1 III 1 II 1 II 1 III 1 II 1 II 1

1 III 1 II 1 2 2 III 1 II 1 2 2

1 III 1 II 1 2 2 II 2 2

1 3 4 2 III 1 3 4 2 II 1 3 4 2 4 2 4 3 1 2 4 3 1 2 4 3

1 III 1 II 1 3 III 3

D 1 2 1 2 A 1 2 1 2 1 2 1 D 2 1 2 1

G 3 4 3 4 D 3 4 3 4 3 4 3 G 4 3 4 3

D 1 2 1 2 A 1 2 1 2 1 2 1 D 2 1 2 1

G 3 4 3 4 D 3 4 3 4 3 4 3 G 4 3 4 3

G 2 2 3 4 D 2 2 3 4 3 2 2 G 4 3 2 2

C 1 1 2 3 G 1 1 2 3 2 1 1 C 3 2 1 1

G 2 2 3 4 D 2 2 4 4 4 2 2 G 4 3 2 2

C 1 1 2 3 G 1 1 3 3 3 1 1 C 3 2 1 1

all first and fourth finger

G

C

all first and fourth finger

G

C

E MAJOR / E MINOR

1 III 1 II 1 II 4 II II 1 3 III III 1 3

1 III 1 II 1 II 4 II II 1 3 III III 1 3

1 III 1 II 1 II 1 III 1 II 1 II 1

1 III 1 II 1 II 2 III 1 II 1 II 2

1 III 1 II 1 II 2

1 3 4 2 III 1 3 4 2 II 1 3 4 2 4 2 4 3 1 2 4 3 III 2 4 3

1 III 1 II 1 II 3 III 3

D 1 2 1 2 A 1 2 1 2 D 1 2 1 2

G 3 4 3 4 D 3 4 3 4 G 4 3 4 3

D 1 2 1 2 A 1 2 1 2 D 2 1 2 1

G 3 4 3 4 D 3 4 3 4 G 4 3 4 3

G 2 2 3 4 D 2 2 3 4 G 4 3 2 2

C 1 1 2 3 G 1 1 2 3 C 3 2 1 1

G 2 2 3 4 D 2 2 4 4 G 4 3 2 2

C 1 1 2 3 G 1 1 3 3 C 3 2 1 1

all first and fourth finger

C 1 1 2 3 G 1 1 3 3 C 3 2 1 1

all first and fourth finger

C 1 1 2 3 G 1 1 3 3 C 3 2 1 1

F MAJOR / F MINOR

1 III 1 II 1 II 4 II II 1 3 III III 1 3

1 III 1 II 1 II 4 II II 1 3 III III 1 3

1 III 1 II 1 1 III 1 II 1 1

1 III 1 II 2 II 2 III 1 II 1 2 II 2

1 III 1 II 2 II 2

1 3 4 2 III 1 3 4 2 II 1 3 4 2 4 2 4 3 1 II 2 4 3 1 2 4 3

1 III 1 II 1 II 3 III 3

G 1 2 1 2 D 1 2 1 2 1 2 1 G 2 1 2 1

C 3 4 3 4 G 3 4 3 4 3 4 3 C 4 3 4 3

G 1 2 1 2 D 1 2 1 2 1 2 1 G 2 1 2 1

C 3 4 3 4 G 3 4 3 4 3 4 3 C 4 3 4 3

D 2 2 3 4 A 2 2 3 4 3 2 2 D 4 3 2 2

G 1 1 2 3 D 1 1 2 3 2 1 1 G 3 2 1 1

D 2 2 3 4 A 2 2 4 4 4 2 2 D 4 3 2 2

G 1 1 2 3 D 1 1 3 3 3 1 1 G 3 2 1 1

all first and fourth finger

G D G

C G C

all first and fourth finger

G D G

C G C

F# MAJOR / F# MINOR

1 III 1 II 1 II 4 II II 1 3 III III 1 3

G 1 2 1 2 D 1 2 1 2 G 2 1 2 1

C 3 4 3 4 G 3 4 3 4 C 4 3 4 3

G 1 2 1 2 D 1 2 1 2 G 2 1 2 1

C 3 4 3 4 G 3 4 3 4 C 4 3 4 3

D 2 2 3 4 A 2 2 3 4 D 4 3 2 2

G 1 1 2 3 D 1 1 2 3 G 3 2 1 1

D 2 2 3 4 A 2 2 4 4 D 4 3 2 2

G 1 1 2 3 D 1 1 3 3 G 3 2 1 1

all first and fourth finger

C G C

all first and fourth finger

C G C

G MAJOR / G MINOR

0 ^I 1 2 3 2 3 2 3 3 3 2 3 2 3 2

0 ^I 1 2 3 2 3 2 3 3 3 2 3 2 3 2

^I 1 2 2 3 2 2 1 ^I 1 2 2 3 2 2 1

^I 1 2 2 3 2 2 1 ^I 1 2 2 3 2 2 1

^I 1 2 2 3 2 2 1 ^I 1 2 2 3 2 2 1

0 2 4 1 1 3 4 2 1 3 4 2 3 2 4 3 1 2 4 3 1 1 4 2

0 1 2 2 3 3 3 2 2 1 3 2

G 1 2 1 2 D 1 2 1 2 1 2 1 G 2 1 2 1

C 3 4 3 4 G 3 4 3 4 3 4 3 C 4 3 4 3

G 1 2 1 2 D 1 2 1 2 1 2 1 G 2 1 2 1

C 3 4 3 4 G 3 4 3 4 3 4 3 C 4 3 4 3

D 2 2 3 4 A 2 2 3 4 3 2 2 D 4 3 2 2

G 1 1 2 3 D 1 1 2 3 2 1 1 G 3 2 1 1

D 2 2 3 4 A 2 2 4 4 4 2 2 D 4 3 2 2

G 1 1 2 3 D 1 1 3 3 3 1 1 G 3 2 1 1

all first and fourth finger

G D G

C G C

all first and fourth finger

G D G

C G C

G ————— D ————— G —————
 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1

C ————— G ————— C —————
 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3

G ————— D ————— G —————
 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1

C ————— G ————— C —————
 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3

D ————— A ————— D —————
 2 2 3 4 2 2 3 4 3 2 2 4 3 2 2

G ————— D ————— G —————
 1 1 2 3 1 1 2 3 2 1 1 3 2 1 1

D ————— A ————— D —————
 2 2 3 4 2 2 4 4 4 2 2 4 3 2 2

G ————— D ————— G —————
 1 1 2 3 1 1 3 3 3 1 1 3 2 1 1

all first and fourth finger

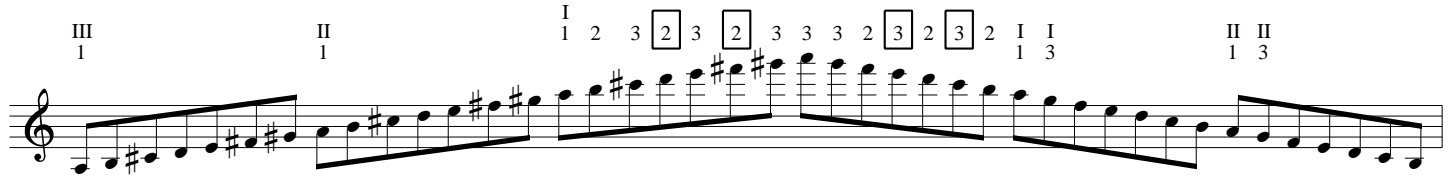
D ————— A ————— D —————
 G ————— D ————— G —————

all first and fourth finger

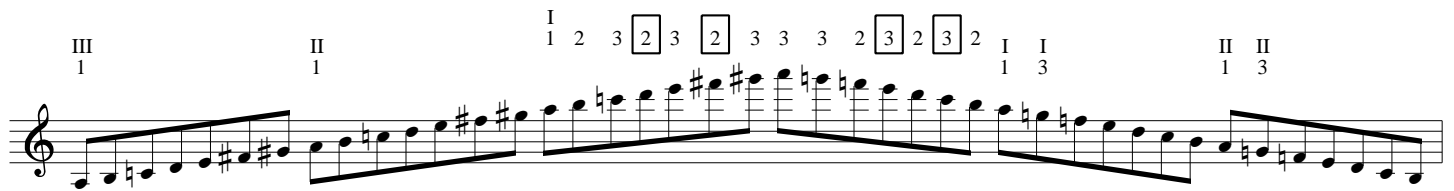
D ————— A ————— D —————
 G ————— D ————— G —————

A MAJOR / A MINOR

III 1 II 1 I 1 2 3 2 3 2 3 3 3 2 3 2 3 2 I 1 I 1 3 II 1 3



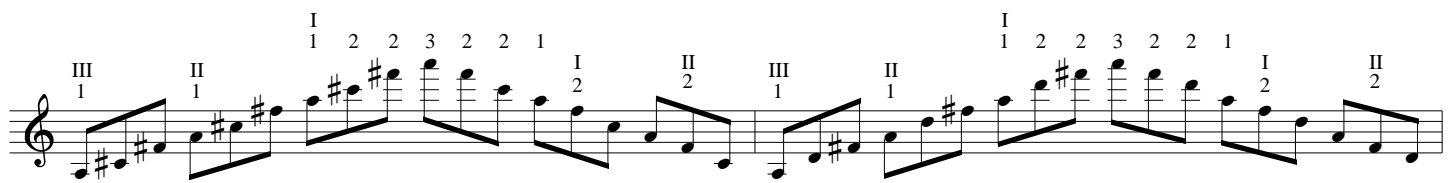
III 1 II 1 I 1 2 3 2 3 2 3 3 3 2 3 2 3 2 I 1 I 1 3 II 1 3



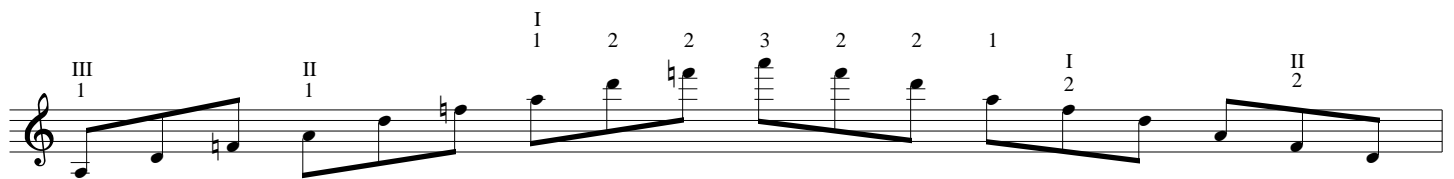
III 1 II 1 I 1 2 2 3 2 2 1 I 1 II 1 III 1 II 1 I 1 2 2 3 2 2 1 I 1 II 1



III 1 II 1 I 1 2 2 3 2 2 1 I 2 II 2 III 1 II 1 I 1 2 2 3 2 2 1 I 2 II 2

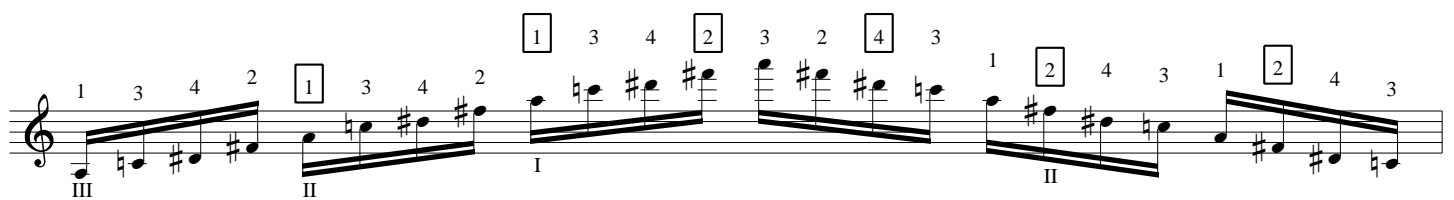


III 1 II 1 I 1 2 2 3 2 2 1 I 2 II 2 III 1 II 1 I 1 2 2 3 2 2 1 I 2 II 2



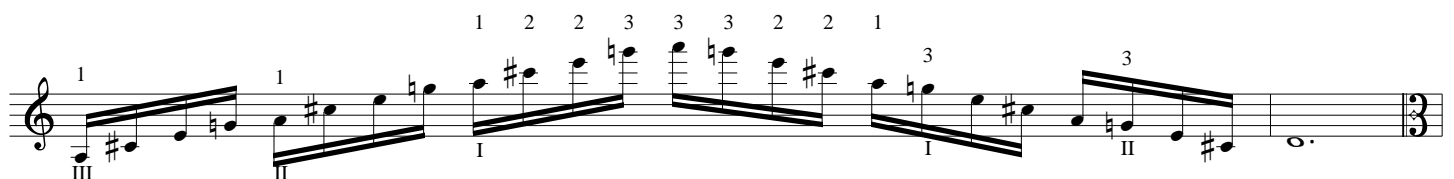
1 3 4 2 1 3 4 2 1 3 4 2 3 2 4 3 1 2 4 3 1 2 4 3

III 1 II 1 I 1 II 1



1 2 2 3 3 3 2 2 1 3 3

III 1 II 1 I 1 II 1



G ————— D ————— G —————
 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1

 C ————— G ————— C —————
 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3

G ————— D ————— G —————
 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1

 C ————— G ————— C —————
 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3

D ————— A ————— D —————
 2 2 3 4 2 2 3 4 3 2 2 4 3 2 2

 G ————— D ————— G —————
 1 1 2 3 1 1 2 3 2 1 1 3 2 1 1

D ————— A ————— D —————
 2 2 3 4 2 2 4 4 4 2 2 4 3 2 2

 G ————— D ————— G —————
 1 1 2 3 1 1 3 3 3 1 1 3 2 1 1

all first and fourth finger
 D ————— A ————— D —————

 G ————— D ————— G —————

all first and fourth finger
 D ————— A ————— D —————

 G ————— D ————— G —————

B MAJOR / B MINOR

III 1 1 2 3 2 3 3 3 2 3 2 3 2 I 1 I 1 3 II II 1 3

III 1 1 2 3 2 3 3 3 2 3 2 3 2 I 1 I 1 3 II II 1 3

III 1 1 2 2 3 2 2 1 I 1 II 1 III 1 II 1 I 1 2 2 3 2 2 1 I 1 II 1

III 1 1 2 2 3 2 2 1 I 2 II 2 III 1 II 1 I 1 2 2 3 2 2 1 I 2 II 2

III 1 1 2 2 3 2 2 1 I 2 II 2

1 3 4 2 1 3 4 2 1 3 4 2 3 2 4 3 1 2 4 3 1 2 4 3

1 2 2 3 3 3 2 2 1 3 3

G ————— D ————— G —————
 1 2 1 2 1 2 1 2 1 2 1 2 2 1 2 1

 C ————— G ————— C —————
 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3

G ————— D ————— G —————
 1 2 1 2 1 2 1 2 1 2 1 2 2 1 2 1

 C ————— G ————— C —————
 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3

G ————— D ————— G —————
 2 2 3 4 2 2 3 4 3 2 2 4 3 2 2

 C ————— G ————— C —————
 1 1 2 3 1 1 2 3 2 1 1 3 2 1 1

G ————— D ————— G —————
 2 2 3 4 2 2 4 4 4 2 2 4 3 2 2

 C ————— G ————— C —————
 1 1 2 3 1 1 3 3 3 1 1 3 2 1 1

all first and fourth finger
 D ————— A ————— D —————

 G ————— D ————— G —————

all first and fourth finger
 D ————— A ————— D —————

 G ————— D ————— G —————