



INSTRUMENTATION AND ORCHESTRATION 1

Orchestration skills are an increasingly hot commodity. Placement on television, in video games and animation, and other modern revenue outlets require a detailed understanding of orchestral writing and production techniques. In this 12-week course, students will learn instrumentation and orchestration techniques, the characteristics and idiomatic writing techniques for each orchestral instrument family: strings, brass, woodwinds, and percussion, as well as approaches for writing for full orchestra.

SYLLABUS

Lesson 1.- String Writing 1. Bowed string instruments. On and off the string bowings

Lesson 2.- String Writing 2. Individual bowed string instruments. 4- and 5-part writing. Divisi.

Lesson 3.- String Writing 3. Scoring for strings. Foreground, middleground, background. Contrapuntal and homophonic writing, strings and solo instruments. Transcribing from piano to strings.

Lesson 4.- Woodwind writing 1. Techniques, transposition, scoring for woodwind instruments

Lesson 5.- Woodwind writing 2. Individual woodwind instruments, articulations, solos

Lesson 6.- Woodwind writing 3. Scoring for Woodwind and Woodwind-Strings Combinations. Doublings, Counterlines, Transcribing from Piano to Winds and Strings.



Lesson 7.- Brass Writing 1. Composition, Harmonic Series, Crooks, Valves and Slides. Characteristics and effects.

Lesson 8.- Brass Writing 2. Individual Brass Instruments

Lesson 9.- Brass Writing 3. Scoring for Brass and Bass combined with Woodwinds and Strings

Lesson 10.- The percussion ensemble 1

Lesson 11.- The percussion ensemble 2

Lesson 12.- Keyboard Instruments: Piano, Celesta, Harpsichord, Organ.

Requirements:

- **Notation Software:** MuseScore, Finale, Dorico or Sibelius.
- **Textbooks:**
 - *The Study of Orchestration* by Samuel Adler