

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

[CLASS]

[MUSIC]

Expanded Course Outline

Course Subject Area:	MU
Course Number:	3091
Course Title:	Instrumentation and Arranging
Units:	2
C/S Classification #:	04
Component:	Lecture
Grading Basis: (graded only, CR/NC only, student's choice)	Graded only
Repeat Basis: (may be taken once, taken multiple times, taken multiple times only with different topics)	May be taken once
Cross Listed Course: (if offered with another department)	
Dual Listed Course: (if offered as lower/upper division or undergraduate/graduate)	
Major course/Service course/GE Course: (pick all that apply)	Major course
General Education Area/Subarea: (as appropriate)	
Date Prepared:	12/24/2014
Prepared by:	Jennifer Amaya

I. Catalog Description

Study of the instruments of the orchestra and symphonic band. Notation, scoring, and arranging for instruments and small ensembles.

II. Required Coursework and Background

Prerequisite(s): MU 1080 or MU 108 and MU 1211 or MU 122

III. Expected Outcomes

1. Prepare musical scores and parts for various instruments and ensembles using a professional music notation software application.
2. Understand the range, techniques, capabilities, idiosyncrasies, and notation for common instruments found in the string, woodwind, brass, and percussion families.
3. Demonstrate familiarity with instrumental transpositions, and the ability to transpose musical lines into a variety of keys.
4. Students will be able to arrange piano or choral sheet music for:
 - a. String duo or small ensemble
 - b. Woodwind duo or small ensemble

- c. Brass duo or small ensemble
- d. Percussion duo or small ensemble
- e. Large mixed ensemble

The outcomes of this course relate to the following Music Department Student Learning Outcomes:

- #3: Demonstrate musicianship skills (including those involving technology) and conceptual understandings.
- #4: Demonstrate and articulate personal growth as a musician and student of music in the world.
- #6: Develop specialized knowledge appropriate to the option or emphasis area.

BA in Music:

- #4. **Demonstrate** creativity, musicianship skills, an understanding of appropriate technology, and conceptual understandings.
- #5. **Demonstrate and articulate** artistic growth as a musician and student of music in the world.

BA in the MIS Option:

- #1. **Interpret** relationships between music and: commerce; technology; media; and audience.

BM in Music:

- #1. **demonstrate** a high level of musicianship that facilitates independent preparation of music for performance.
- #2. **utilize** current/recent technologies appropriate to the musical endeavor
- #3. **demonstrate** basic keyboard competency as needed for musical analysis and interpretation of intermediate level repertoire.
- #6. **analyze, interpret, and defend** judgments of various musical works for audiences of scholars and amateurs.

BM in Music Education/Pre-Credential:

- #1. **demonstrate** foundational skills on instruments commonly taught in schools.
- #2. **display** effective conducting skills for choral and instrumental ensembles.
- #3. **evaluate, select, prepare, and assess** music for performance.
- #7. **arrange** works for instruments and/or voices.

BM in the Composition:

- #1. **apply** knowledge of compositional techniques and musical elements to write original works in new and established styles.
- #2. **oversee** fully realized public performances of their original compositions, with critical assessments.
- #3. **produce** a capstone project that presents an extended work or several shorter works, showing their 'voice' as a composer.

IV. Instructional Materials

Adler, Samuel. *The Study of Orchestration*, 3rd ed. New York, NY: W.W. Norton & Company, 2002.

Forsyth, Cecil. *Orchestration*. Mineola, NY: Dover Publications, 1982.

Kennan, Kent Wheeler. *The Technique of Orchestration*, 6th ed. Upper Saddle River, NJ: Prentice Hall, 2002.

Mancini, Henry. *Sounds and Scores*. Los Angeles, CA: Alfred Music Publishing, 1999.

Nestico, Sammy. *The Complete Arranger*, revised ed. Carlsbad, CA: Fendwood Music Co., 2007.

Piston, Walter. *Orchestration*. New York, NY: W.W. Norton & Company, 1955.

V. Minimum Student Material

1. Notebook/Binder
2. Appropriate digital storage device (flash drive, portable hard drive)
3. Over-the-ear headphones with 1/4" stereo adapter
4. Several blank CDs (R or RW)
5. Internet access

VI. Minimum College Facilities

1. Classroom with whiteboard
2. Computer lab with digital audio workstations (enrollment capacity + instructor) each containing at least:
 - a. Computer capable of processing digital audio
 - b. Up-to-date professional notation software application
 - c. Audio interface
 - d. Internet access
3. Projection capabilities from the instructor's workstation
4. Quality stereo monitoring system
 - a. Two professional-quality active speakers (or two passive speakers with powered amplifier)
 - b. Audio mixing console.

VII. Course Outline

1. Study of common instruments in the string family.
2. Unison, octave, and solo writing.
3. Study of common instruments in the woodwind family.
4. Secondary melodies, contrapuntal and part writing.
5. Study of common instruments in the brass family.
6. Voicing chords.
7. Study of common instruments in the pitched and unpitched percussion family.
8. Arranging for large, mixed ensembles.
9. Notation techniques for large works.

VIII. Instructional Methods

1. Use of notation software
2. Lectures
3. Demonstrations
4. Problem solving and creative assignments

IX. Evaluation of Outcomes

1. Instrument family quizzes
2. Small creative arranging assignments
3. Large, mixed ensemble arrangement