

Syllabus for  
**MUS 302—Orchestration**  
2 Credit Hours  
Fall 2003

I. COURSE DESCRIPTION

Examines the range and characteristics of orchestral instruments; scoring for strings, winds, and full orchestra.

II. COURSE GOALS

The course is designed to enable the student to do the following:

- A. gain the knowledge and skills basic to the art of orchestration.
- B. learn the principles involved in combining and balancing instruments.
- C. understand the art of orchestration, through the analysis of master works, and by scoring for various combinations of instruments and full orchestra excerpts originally conceived for other performing media, such as piano, organ, and chorus.
- D. obtain the basic foundation for further study in this and related fields.

III. COURSE OBJECTIVES

- A. The Strings  
As a result of successfully completing this unit, the student will be able to demonstrate the following:
  - 1. give the English, Italian, German and French names of the instruments studied in this unit.
  - 2. list and describe the technical terms used in connection with the playing of the Violin, the Viola, the Cello and the Bass and writing for them.
  - 3. list and describe the ranges of String instruments, their notation (including clefs), their techniques, their characteristics, their strong points, as well as their limitations.
  - 4. state the principles of combining and balancing String instruments.
  - 5. score for the String section.
- B. The Woodwinds  
As a result of successfully completing this unit, the student will be able to do the following:
  - 1. give the English, Italian, German and French names of the instruments studied in this unit.
  - 2. list and describe the technical terms used in connection with the playing of the Piccolo, the Flute, the Oboe, the English Horn, the Clarinet, and the Bassoon, and the writing for them.
  - 3. list and describe the ranges of Woodwind instruments, their notation (including clefs and transpositions), their techniques, their characteristics, their strong points, as well as their limitations.
  - 4. state the principles of combining and balancing Woodwind instruments.
  - 5. score for the Woodwind section.
- C. The Brass  
As a result of successfully completing this unit, the student will be able to do the following:
  - 1. give the English, Italian, German and French names of the instruments studied in this unit.
  - 2. list and describe the technical terms used in connection with the playing of the Horn, the Trumpet, the Tenor Trombone, the Tuba, and the writing for them.
  - 3. list and describe the ranges of Brass instruments, their notation (including clefs and transpositions), their techniques, their characteristics, their strong points, as well as their limitations.
  - 4. state the principles of combining and balancing Brass instruments.
  - 5. score for the Brass section.
- D. The Percussion

As a result of successfully completing this unit, the student will be able to:

1. give the English, Italian, German and French names of the instruments studied in this unit.
2. list and describe the ranges of the Timpani, the Bass Drum, the Snare Drum, the Triangle and other Percussion instruments of both definite and indefinite pitch, their notation, their techniques, their characteristics, their strong points, as well as their limitations.
3. write parts for the Percussion section.

E. The Harp and the Celeste

As a result of successfully completing this unit, the student will be able to demonstrate the following:

1. give the English, Italian, German and French names of the instruments studied in this unit.
2. list and describe the technical terms used in connection with the playing of the Harp and the Celeste and the writing for them.
3. list and describe the ranges of the Harp and the Celeste, their techniques, their characteristics, their strong points, as well as their limitations.
4. state the principles of combining and balancing the Harp and the Celeste with other instruments.
5. write parts for the Harp and the Celeste.

F. Scoring of Chords

1. The String Orchestra
2. The Woodwind Section
3. The Brass Section
4. Various combinations of instruments
5. The Full Orchestra

G. Transcribing (Scoring) Piano, Organ, and Choral Music

As a result of successfully completing this unit, the student will be able to transcribe piano, organ and choral music for the individual sections of the orchestra, various combinations of them, and the full orchestra.

IV. TEXTBOOK

A. Required

Adler, Samuel. The Study of Orchestration New York: W.W. Norton and Company Second Edition, 1989.

Adler, Samuel. The Study of Orchestration-Workbook, New York: W.W. Norton and Company Second Edition, 1989.

B. Supplies

Manuscript music paper: 12 staves: score paper (16 or 24 staves); pens, pencil, eraser, rulers, a blank computer disk, etc.

V. POLICIES AND PROCEDURES

A. University Policies and Procedures

1. Attendance at each class or laboratory is mandatory at Oral Roberts University.
2. Double cuts will be assessed for absences immediately preceding or following holidays.
3. Excessive absences can reduce a student's grade or deny credit for the course.
4. Students taking a late exam because of an unauthorized absence will be charged a late exam fee.
5. Students and faculty at Oral Roberts University adhere to all laws addressing the ethical use of others' materials, whether it is in the form of print, video, multimedia, or computer software.
6. Final exams cannot be given before their scheduled times. Students need to check the final exam schedule before planning return flights or other events at the end of the semester.

B. Departmental Policies and Procedures – See Music Department Student Handbook.

C. Evaluation Procedures

1. The course encompasses two general divisions: the study of orchestral instruments, and the scoring for orchestra of music originally conceived for other media. Each of these divisions will represent 50% of the total grade. Grades will also reflect and will be modified by my evaluation of the degree of proficiency and skill evidenced by the individual students at the end of the course.

COURSE CALENDAR

Introduction	Week 1
Unit I	Week 2 to Week 4
Unit II	Week 5 to Week 7
Unit III	Week 8 and 9
Unit IV	Week 10
Unit V	Week 11
Unit VI	Week 12 and 13
Unit VII	Week 14 to Week 16

Jerry Hatley  
Name of Instructor

MUS 302  
Course No.

Orchestration  
Title of Course

Music  
Name of Department

MISSION

The lifestyle at ORU is rooted in the word "Wholeness." ORU seeks to educate the whole person, with balanced emphasis placed on the development of the mind, spirit, and body.

GENERAL OUTCOMES

1. Spiritual Development
2. Physical Development
3. Communication
4. Analysis
5. Problem Solving
6. Valuing in Decision Making
7. Social Interaction
8. Global Perspectives
9. Effective Citizenship
10. Aesthetic Responsiveness

MAJOR OUTCOMES

Within a Christian, charismatic environment, provide students an excellent undergraduate foundation in music.

Provide professional training for a career as a music teacher, performer, composer, and church musician.

Become intellectually aware of a wide variety of music by listening, analyzing, creating, and recreating.

Attain proficiency on a primary instrument and at least functional piano skills, also knowledge and skill in music theory and in music history.

Gain knowledge and skill to pass along these areas of knowledge to others.

COURSE GOALS/OBJECTIVES

The student will be able to describe the technical terms in connection with all major orchestral instruments.

The student will be able to state and demonstrate the principles of combining and balancing the major orchestral instruments.

The student will be able to describe and demonstrate the playable ranges of the major orchestral instruments.

The student will be able to demonstrate the transpositions of orchestral transposing instruments.

The student will be able to demonstrate notation, idiomatic characteristics, the strengths and limitations of the major orchestral instruments.

ASSESSMENT OF COURSE GOALS

**STIMULI:**

Homework which involves scoring for instruments.

Performance of original written and transcribed projects.

Scoring tests.

Testing of technical terms.

**CRITERIA:**

Three examinations, 20% each	60%
Weekly instrumentation projects	20%
Final orchestration project	20%