

**Dr. Orlando Jacinto García**  
**Fall 2006/T-TR 11:00 AM-12:15 PM**

**ORCHESTRATION**  
**MUT 4311**

**Objectives:** This course is designed to introduce students to the basics of instrumentation and the overall techniques of scoring for orchestral instruments.

**Required Texts:** The Study of Orchestration, by Samuel Adler, W.W. Norton (third edition); the accompanying workbook is optional. Additional handouts provided by the instructor.

**Materials to be covered:**

(1) Basic instrumentation (transposition, ranges, acoustics, etc.); (2) Calligraphy/Notation; (3) Arranging/Transcribing/Performance practices; (4) Brief introduction to some of the orchestration utilized in selected works from the repertoire.

**Format:** The format for the course will consist of lectures, discussions, and performances. Important note: It is vital that students take clear and concise notes in class. Good note taking and the studying of these notes and doing the readings will lead to success in the course. Please note that the lectures will move at a relatively fast pace.

**Prerequisites:** Only music majors who have successfully completed all Freshman and Sophomore Theory and Ear Training/Sight Singing coursework are eligible for this course (no exceptions). Students who have completed these courses at other institutions must have successfully passed all levels of the Freshman/Sophomore transfer student placement theory/ear training/sight singing test (or the course at FIU) in order to be permitted in this course. Please see me if you have the slightest questions regarding these prerequisites. Note: although not currently a prerequisite, it is strongly recommended that students either complete the MIDI Technology course required of music majors or become proficient with acceptable notation software prior to enrolling in this course.

**Unit Tests:** There will be 4 unit tests given throughout the semester. The 1st will be given on September 21, the 2nd on October 10, the 3rd on October 31 and the 4th on November 28. Please note that no makeup unit tests will be given. Each unit test includes the materials covered in each family of instruments as shown on the attached schedule except for test one which also includes materials from the first 2 lectures on acoustics, etc. The tests may include materials from the lectures and readings up to the point that the test is administered. Unit tests may include fill in the blanks, definitions, matching, analysis, short answers, etc. The average score of the 4 unit tests will be worth 20% of the total grade for the course.

**Final Exam:** There will be a Final Exam worth 30% of the total grade for the course to be administered in December on the date and time specified by the university in the fall semester schedule. The exam may include fill in the blanks, definitions, matching, analysis, short answers, etc. Materials from the lectures as well as from assigned readings will make up this comprehensive tests. No makeup final exam will be given.

**Readings from the text:** Readings from the text are assigned per the attached schedule and are required (not optional). The unit tests/exams often include text materials not discussed in class.

**Projects:** There will be 2 short orchestration projects due throughout the semester.

(1) The first project is worth 20% of the total grade in the course and consists of a short classical/romantic scoring exercise (24 measures) for strings and woodwinds. Due October 5.

(2) The second project is a similar exercise in a 20<sup>th</sup> century idiom (32 measures) worth 30% of the total grade in the courses, scored for strings, winds, keyboard, and percussion. Due November 30.

All projects must be performed in class and parts will be required. More detailed information regarding each project will be handed out in class before each project is due. Critiques/Analysis of the projects presented in class will be required to be completed in class during the reading sessions. These critiques will be worth a total of 10% of each project grade (and graded as pass fail). Guidelines for the critiques will be given out in class.

**Grading:**

Project I	20%
Project II	30%
Unit Tests	20%
Final Exam	30%
Total	100%

**Due Dates and turning in projects:** An important part of the class is to prepare students for their future careers in the professional music world. This means that due dates are treated as deadlines in professional situations. As a result late projects are penalized. More specific details regarding this policy will be supplied when each project is assigned.

**Important:** The total grade in this course is based on projects, tests, exam, and assignment scores and participation. Failure to attend lectures, be on time, and participate in class discussions, will result in a lowering of the final grade at the discretion of the instructor. Lastly, in consideration of the instructor and students in the class please make sure to turn your cell phones and beepers off or place on vibrate during the class period.

**Grading Scale:**

A	90-100	C	70-75
A-	88-89	C-	68-69
B+	86-87	D+	66-67
B	80-85	D	60-65
B-	78-79	D-	58-59
C+	76-77	F	57 & below

**Office Hours:** My office is WPAC 145-B; Office hours are Tuesdays and Thursdays 2:00-3:00 PM, other times by appointment. Please do not hesitate to contact me with questions. Telephone (305) 348-3357; email: [garciao@fiu.edu](mailto:garciao@fiu.edu) web page <http://www.fiu.edu/~garciao>

**ORCHESTRATION**  
**Fall 2006 Schedule**

- 8/29 Intro/course overview; Nature of sound/overtones and the harmonic series;
- 8/31 Orchestral instruments, calligraphy/score parts (pgs 3-6 and 757 - 771);
- 9/5 Strings (pgs 7-50);
- 9/7 Strings (pgs 51-88)
- 9/12 Strings (pgs 89-110);
- 9/14 Strings (pgs 111-163); Project #1 assigned (strings and woodwinds);
- 9/19 Strings review;
- 9/21 Unit Test I Strings, etc.
- 9/26 Woodwinds (pgs 164-179);
- 9/28 Woodwinds (pgs 180-228);
- 10/3 Woodwinds (pgs 229-294);
- 10/5 Woodwind Review **Project #1 due**
- 10/10 Unit Test II Woodwinds
- 10/12 Performances of Project #1
- 10/17 Performances of Project #1
- 10/19 Brass (pgs 295-311);
- 10/24 Brass (pgs 312-356);
- 10/26 Brass (pgs 357-430);
- 10/31 Unit Test III Brass
- 11/2 Score review (winds and strings) Percussion (pgs 431-451); Project #2 assigned (strings, woodwinds, brass, piano, and percussion);
- 11/7 Score review (winds and strings)

**ORCHESTRATION**  
**Fall 2006 Schedule**  
**(continued)**

- 11/9 Score review (winds and strings)
- 11/14 Percussion (pgs 452-467);
- 11/16 Keyboard Instruments (pgs 468-482);  
Techniques of Scoring Percussion/Keyboard (pgs 486-544);
- 11/21 Analysis of orchestral scores
- 11/23 NO CLASS Thanksgiving Holiday
- 11/28 Unit Test IV Percussion, Harp, and Keyboards
- 11/30 Review for Final Exam, **Project #2 due**
- 12/5 Performances of Project #2
- 12/7 Performances of Project #2
- 12/14 **Final Exam** 9:30 AM to 12:15 as per the FIU web page

\*\*\*\*Materials being covered and dates subject to change (except for projects, unit tests, and exam dates - these are fixed).