

Departmental Course Syllabus

Department: Radio-Television-Film

Revision Date: Spring 2006

San Antonio College * 1300 San Pedro* San Antonio, TX* 78212-4299

Course Number and Title: RTVB 2431 (Formerly RTVF 2412)

AUDIO/RADIO PRODUCTION III (Multi-Track Recording)

Credit Hours: 4 CREDIT HOURS/3 LECTURE HOURS/2 LAB HOURS

Instructor:

Office: LRTF

Phone Number: 210-

FAX: 210-733-2778

Email:

Web Address: www.accd.edu/sac/rtf

I. Catalog Description:

This course presents advanced concepts in audio/radio recording and editing including digital editing, sound processing systems, and multitrack mixdown recording techniques.

II. Pre-requisites, co-requisites and other requirements:

RTVB 1391, COMM 2303 and RTVB 1150.

III. Text:

“Modern Recording Techniques,” 6th Edition, 2005, by David Miles Huber & Robert A. Runstein, Elsevier/Focal Press.

IV. Instruction will consist of any or all of the following:

Class instruction, open discussion, small group exercises, field trips, lab instruction and lab assignments.

V. Course Content:

The role of the recording engineer and producer, recording industry vocabulary, soundwave theory, audio console operation, production problem solving, introduction to MIDI, and advanced production techniques.

VI. Learning Outcomes and Performance Objectives with their methods of measurement as used to determine the students' mastery of those outcomes.

Learning Outcome 1: The student will understand the basic schematic of production consoles, digital audio workstations and CD authoring software.

Performance Objectives:

- Within given parameters the student will demonstrate an understanding of basic signal flow by properly operating the digital interface control surface (console) on several projects.
- The student will demonstrate the ability to power up the computer, launch applications and author one or more recording projects.

Methods of Measurement:

- Under faculty supervision the student will perform one or more Board Checks in which they correctly demonstrate their ability to: mic to a track; get multiple, simultaneous inputs grouped to one track; and perform independent auxiliary mixes.
- In class and in lab, given specific operating parameters for one or more projects, the student will complete one or more routing-specific assignments.

Learning Outcome 2: The student will demonstrate knowledge of sound-wave theory and the development of aural skills.

Performance Objectives:

- The student will demonstrate proper mic'ing technique.
- By properly routing signals the student will optimize the signal-to-noise ratio for one or more given applications.

Methods of Measurement:

- Given a scenario for a broadcast or a recording session the student will demonstrate selection of appropriate microphones for the given situation.
- The student will demonstrate the ability to trouble shoot one or more problems through non-graphical means.

Learning Outcome 3: The student will demonstrate the ability to perform various audio production techniques in the multitrack control room and studio.

Performance Objectives:

- The student will serve as session producer and/or assistant by participating in individual and group projects with increasing degrees of difficulty
- The student will demonstrate the ability to perform electronic and non-linear editing.

Methods of Measurement:

- The student's work, individually and as a member of a group, will be evaluated as to well it conforms to accepted industry practices.
- The student's work as an editor on one or more audio projects will be evaluated against established standards.

Learning Outcome 4: The student will demonstrate an understanding of the production values associated with professionally produced multi-track radio commercials and/or music recordings.

Performance Objectives:

- The student will complete one or more commercials and/or music productions with production values which meet or exceed industry standards.

Methods of Measurement:

- Written comprehensive exams which test technical vocabulary and evaluations of productions using a checklist of required elements and standards.

SCANS Competencies: The following is a list of competencies related to the workplace as outlined by the Texas Higher Education Coordinating Board.

The following SCANS Skills will be included in this course: Allocation of time (C1), Materials and Facilities (C3), Human Resources (C4), Acquires and evaluates information (C5), Organizes and maintains information (C6), Interprets and communicates information (C7), Uses computers to process information (C8), Participates as a member of a team (C9), Teaches others new skills (C10), Exercises Leadership (C12), Negotiates (C13), Works With Diversity (C14), Understands Systems (C15), Monitors and Corrects Performance (C16), Selects Technology (C18), and Applies Technology to Task (C19).

Foundation Skills included are: Reading (F1), Writing (F2), Arithmetic (F3), Mathematics (F4), Listening (F5), Speaking (F6), Creative Thinking (F7), Decision Making (F8), Problem Solving (F9), Seeing Things in the Mind's Eye (F10), Knowing How to Learn (F11), Reasoning (F12), Responsibility (F13), Self-Esteem (F14), Sociability (F15), Self-Management (F16), and Integrity/Honesty (F17).

VII. Course requirements and grade computation:

A. College Requirements:

A written, comprehensive final examination, not to exceed two and one-half hours in length, shall be given at the end of each semester for each course at the regularly scheduled time. Any exceptions to these requirements must be approved by the appropriate dean. Other examinations are given at the discretion of the instructor.

A student who must be absent from a final examination should petition that instructor for permission to postpone the examination. **A student absent without permission from a final examination is graded "F."** Postponed examinations result in a grade of "I." The final exam must be taken within 120 calendar days from the end of the semester or the grade automatically becomes an "F." (San Antonio College Bulletin, Faculty Handbook - January 1995)

B. Departmental Requirements:

Course grade is determined by evaluations of individual, pair and group projects, unit and final exams, practical exams and class participation.

C. Instructor Requirements:

Unit Exams: 2 @ 10 points each.....	20%
Final Exam 20 points.....	20%
<u>Writtten Exams</u>	<u>40%</u>
Practical exams 10 points.....	10%
Projects (individual, pairs and groups).....	40%
<u>Hands-on work</u>	<u>60%</u>
Course grade	100%

VIII. College Policies:

A. San Antonio College does not discriminate on the basis of race, religion, color, national origin, sex, age, or disability with respect to access, employment programs or services.

B. Students are urged not to bring children to either a class or a lab. Minors under the age of twelve (12) must not be left unattended on campus. College Academic Council - April, 1998

C. ADA Statement: "As per Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, if accommodation is needed contact the Office of DisABILITY Support Services, CAC 124C, Phone: (210) 733-2347.

D. A Rapid Response Team exists for the purpose of responding to emergencies. If you have a disability that will require assistance in the event of a building evacuation, notify Disability Support Services, Chance Academic Center 124C, Phone: (210) 733-2347.

E. Academic Dishonesty: Students may be subject to disciplinary proceedings resulting in an academic penalty or disciplinary penalty for academic dishonesty. Academic Dishonesty includes, but is not limited to, cheating on a test, plagiarism and collusion. For additional information refer to the "Student Code of Conduct" in the San Antonio College Bulletin.

F. **Students are required to silence all electronic devices (e.g., pagers, cellular phones, etc.) when in classrooms, laboratories and the library. College Academic Council, 01/ 2000.**

G. San Antonio College Attendance Policy: Regular and punctual attendance at all classes and laboratories, day and/or evening, is required. A student absent for any reason is responsible for all work missed. Both tardiness and early departure from class are forms of absenteeism. The instructor establishes the policy with regard to each. Absences of each student are recorded without exception. The counting of absences begins on the first day of class. A student absent the equivalent of two weeks of instruction in a 16-week semester may be dropped by the instructor. If a student is dropped from a class for excessive absences, the instructor will record a grade of "W" (withdraw). It is the student's responsibility to ensure that the withdrawals have been submitted.

H. San Antonio College is a smoke free campus.

I. ACCD DPS Emergency Phone Numbers:

ACCD DPS Emergency Phone (210) 222-0911

ACCD DPS General Phone (210) 208-8099

ACCD DPS Weather Phone (210) 208-8189 (For information on college closures)

J. Students must also abide by the policies, procedures, and rules set forth in the “Student Code of Conduct” and all other policies set forth in the San Antonio College Bulletin.

[http://www.accd.edu/sac/sacmain/schedule/SAC Bulletin 05-06.pdf](http://www.accd.edu/sac/sacmain/schedule/SAC_Bulletin_05-06.pdf)