

**PALOMAR COLLEGE**  
**COURSE OUTLINE OF RECORD FOR**  
**DEGREE CREDIT COURSE**

   X Transfer Course       X A.A. Degree applicable course  
(check all that apply)

**COURSE NUMBER AND TITLE:** RTV 230    Digital Audio with Pro Tools

**UNIT VALUE:** 3

**MINIMUM NUMBER OF SEMESTER HOURS:** 96

**BASIC SKILLS REQUIREMENTS:** Appropriate language skills

**ENTRANCE REQUIREMENTS**

**PREREQUISITE:** successful completion of RTV 130

**COREQUISITE:**

**RECOMMENDED PREPARATION:**

**SCOPE OF COURSE:** Principles and techniques of editing radio, television, and film audio projects using Pro Tools software and technology. Digitizing audio source material, working knowledge of Pro Tools interface, use of multi-track audio editing system, mic and recording techniques.

**SPECIFIC COURSE OBJECTIVES:**

1.     The student will develop computer competency in editing audio material using digital non-linear Pro Tools software.
2.     The student will show proficiency in dealing with audio multi-tracks.
3.     The student will learn proper mic and recording techniques.
4.     The student will learn how Pro Tools is used in the radio broadcast industry.
5.     The student will learn the roll of the radio production director.

## **CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:**

- I Introduction/review
  - A. Audio Production
    - 1. Control audio boards
    - 2. Microphones
    - 3. Analog recording equipment
  - B. Voice control
    - 1. Pitch
    - 2. Pacing
    - 3. Dynamic tonal quality
    - 4. Variety in delivery
  - C. Copy
    - 1. Understanding target audience for product/service
    - 2. Analyzing copy
    - 3. Delivering copy
- II Digital Audio Editing
  - A. Systems
    - 1. Analog vs. digital audio editing systems
    - 2. Specific use of on-air computers at KKSM-AM
  - B. Protocols software.
    - 1. Understanding of interface.
    - 2. Understanding of digital audio waveforms.
    - 3. Understanding of editing tools
    - 4. Understanding of special effects and transitions

### **REQUIRED READING:**

No text required

### **SUGGESTED READING:**

Broadcasting trade journals, including Broadcasting/Cable, Electronic Media and Radio and Records.

### **REQUIRED WRITING:**

Over half of assignments will be written and will include commercial, public service announcement and promotional copy.

### **OUTSIDE ASSIGNMENTS:**

Students will spend time in the KKSM production studio operating digital equipment

**Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.**

**INSTRUCTIONAL METHODOLOGY:**

**Check all that apply:**

- Lecture
- laboratory
- lecture-laboratory combination
- directed study

**DISTANCE LEARNING:**

**This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.**

Yes  No

**If yes, check all that apply:**

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

**GRADING POLICY AND STANDARDS** (include methods of determining whether the stated objectives have been met by students):

Students will be evaluated by skills demonstrations using the Pro Tools software.

A final project will consist of a 3-5 minute digital audio edited product.

All grading will be done on a point basis.

- 90% of the points possible = A
- 80% of the points possible = B
- 70% of the points possible = C
- 60% of the points possible = D
- 0-59% of the points possible = F

Final: 50% of grade Tests: 20% of grade Assignments: 30% of grade

**IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?**

Yes  No  Number of times course may be taken for credit: \_\_\_\_\_

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

**CONTACT PERSON: Meg Banta, Extension 2443**

**SIGNATURES ON FILE**