PUBLIC ADDRESS/LIVE SOUND
Course Syllabus

Course Number: RAPA-0186
OCAS Code: None
Course Length: 45 Hours
Career Cluster: Arts, A/V Technology & Communications
Career Pathway: Audio & Video Technology
Career Major(s): Cinematography & Recording Arts Production Assistant

Pre-requisite(s):
The course covers the use of live public address systems.

Textbooks: Modern Recording Techniques by David Miles Huber and Robert E. Runstein, Focal Press (2005)

Course Objectives:

A. Identify and Organize Required Public Address Components
1. Identify main speakers.
2. Identify subs.
3. Identify monitors.
4. Identify amplifiers.
5. Identify crossover.
6. Identify effects rack.
7. Identify microphones.
8. Identify mixing console.
9. Identify power source

B. Identify and Demonstrate Basic Cabling
1. Place the snake.
2. Cable Out microphone positions.
3. Cable Out speaker positions.
4. Cable Out monitor positions.
5. Cable Out musician’s amplifier positions.
6. Cable Out effects rack position.
7. Cable sound console position.

C. Review Safety Guidelines
1. Review lifting techniques.
2. Review ear safety.

D. Set-up and Demonstrate Public Address System
1. Set monitor levels.
2. Set front of house levels.
3. Check effects levels.

All unmarked objectives are TTC instructor developed.
Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.

Grading Procedures:
1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

Description of Classroom, Laboratories, and Equipment: Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit: The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility: The student must maintain a grade point average of 2.0 or better.