SOUND ENGINEERING INTRODUCTION & SAFETY
Course Syllabus

Course Number: RAPA-0178
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):

Course Description: The course covers the basics in sound and safety.

Textbooks: Cinematography and Recording Arts Production Assistant Syllabus
Tulsa Technology Center Student Handbook

Course Objectives:

A. Familiarize Students with TTC Handbook.
   1. Describe attendance requirements.
   2. Identify grading methods.
   3. Outline required behavior and discipline.
   4. Define student dress code.
   5. List student vehicle use guidelines.
   6. Discuss campus and District services available to students.
   7. Discuss health and safety issues.
   8. Identify student services available.
   9. Describe Career and Technology Student Organizations (CTSO).
  10. Review general policies and procedures.

B. Discuss Broadcast and Sound Engineering Syllabus.
   1. Address program goal.
   2. Discuss career opportunities.
   3. Define a professional attitude.
   4. Outline make-up work requirements.
   5. Identify schedule requirements and procedures.
   6. Discuss internship expectations.
   7. Describe how the grading system is applied.
   8. Describe final project.
   9. List Bell Work procedures.
  10. Identify portable audio player guidelines.
  11. Address other general comments and concerns.

C. Identify Basic Hearing Protection.
   1. Describe components of the ear.
   2. Define hearing threshold.
   3. Define the feeling threshold.
   4. Define the pain threshold.
5. List ways to protect hearing.

D. Discuss Workplace Safety Procedures.
1. Learn evacuation procedures.
2. Practice fire prevention.
3. Be responsible around chemicals and machinery.
4. Practice good body mechanics and lifting techniques.
5. List ways to make the workstation work for the student.
6. Discuss good housekeeping.
7. Discuss staying focused on task.

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.