

AUDIO/VIDEO PRODUCTION 1, SEMESTER A

Credits: 0.5

COURSE OVERVIEW AND GOALS

This one-semester course is intended as a practical, hands-on guide to help you understand the skills required to achieve success in modern-day careers. This course has 18 lessons organized into four units, plus four Unit Activities. Each lesson contains one or more Lesson Activities.

This course will cover various topics in audio-video production, such as camera techniques, audio techniques, lighting techniques, editing, and video assembly.

You will submit the Unit Activities to your teacher, and you will grade your work in the Lesson Activities by comparing them with given sample responses. The Unit Activities (submitted to the teacher) and the Lesson Activities (self-checked) are the major components of this course. There are other assessment components, namely the mastery test questions that feature along with the lesson; the pre- and post-test questions that come at the beginning and end of the unit respectively, and an end-of-semester test. All of these tests are a combination of simple multiple-choice questions and technology enhanced (TE) questions.

By the end of this course, you will be able to do the following:

- ❖ Describe the types and parts of cameras and demonstrate basic camera operations.
- ❖ Describe various video formats, recording media, and the important terms used in video production.
- ❖ Explain the basics of script writing and storyboarding for audio and video formats.
- ❖ Explain the various cinematography techniques and ways to frame and maintain picture composition.
- ❖ Describe various lighting techniques.
- ❖ Apply various audio techniques and describe sound mixing methods used for a successful audio-video production.
- ❖ Explain and demonstrate the steps involved in assembling a final video.

COURSE COMPONENTS AND GRADING RUBRIC

The table gives a breakdown of the weight for each component in the course. Weight represents the percentage of the total score coming from each activity.

Course Components	Count	Weight*
Pretest. <i>A pretest is an optional assessment, typically designed for credit recovery. If a student shows mastery of a lesson objective, the student may be automatically exempted from the upcoming activities associated with the mastered objective. Pretests are not included as a component of the student's final grade.</i>	4	0%
Module. <i>Each module in this course contains an interactive tutorial or study and an associated mastery test. Tutorials and studies combine instruction and practice to prepare students for the mastery test, which is a computer-scored lesson-level summative assessment. The module score comes from a student's score on the mastery test.</i>	18	30%
Discussion. <i>A discussion activity is an opportunity for students to collaborate with their peers. An online threaded discussion mirrors the educational experience of a classroom discussion initiated when a teacher asks a complex, open-ended question. Students can engage in the discussion by responding both to the question and to the thoughts of others allowing for higher-order thinking about terminal objectives.</i>	4	10%
Unit Activity. <i>A Unit Activity is at the end of a unit and constitutes one or more small tasks. Its purpose is to deepen understanding of key unit concepts and tie them together. Each Unit Activity includes a simple rubric. The teacher versions include both a rubric and modeled sample answers. Unit Activities are teacher graded.</i>	4	20%
Posttest. <i>A posttest appears at the end of each unit.</i>	4	20%
End-of-Semester Test. <i>An end-of-semester test (EOS) appears at the end of each course.</i>	1	20%
Total	35	100%

Weight* Teachers may manually adjust these weights if desired, per district grading requirements.

SCOPE AND SEQUENCE

UNIT 1: BASICS OF AUDIO-VIDEO PRODUCTION

In this unit, you will learn about the history and evolution of audio-video production. You will also learn the types and parts of cameras, and the elements of audio production.

Additionally, in this unit, you will familiarize yourself with the various video formats and recording media.

Activity	Activity Objective
Syllabus	Review the Course Syllabus at the beginning of the course.
Introduction to Audio and Video Production	Describe the history and evolution and the various stages of audio-video production.
Basic Camera Use	Describe the types and parts of cameras and demonstrate basic camera operations.
Elements of Audio Production	Identify and describe various audio equipment types and formats and explain important terms used in audio production.
Video Storage	Describe various video formats, recording media, and the important terms used in video production.
Unit Activity: Basics of Audio-Video Production	Learn the difference between analog and digital video in terms of shooting and storage, and the conversion of analog video to digital.

UNIT 2: PREPRODUCTION

In this unit, you will learn about the various elements involved in the preproduction process. You will also familiarize yourself with the objectives of a production and steps in production planning and budgeting. You will learn about the different genres and subgenres in audio-video production. Additionally, you will learn about the basics of script writing and storyboarding for different formats.

Activity	Activity Objective
Elements of Preproduction	Identify the various elements involved in the preproduction process, create a production proposal, and define set requirements.
Production Planning and Budgeting	Identify the objectives of a production, list the steps in production planning and budgeting, and create a production budget.
Genres and Subgenres	Explain the different genres and subgenres in audio-video production.
An Approach to Script Writing	Explain the basics of script writing and storyboarding for audio and video formats.
Writing for Different Formats	Explain the process of writing scripts for different formats.
Unit Activity: Preproduction	Learn about the different elements of video making.

UNIT 3: BASICS OF PRODUCTION

In this unit, you will familiarize yourself with the basic processes in the production stage. You will learn about the various video, cinematography, and composition techniques. You will also learn various lighting techniques. In addition, you will familiarize yourself with audio techniques and discuss sound mixing methods.

Activity	Activity Objective
Shooting a Video	Describe various video techniques.
Cinematography and Composition	Explain the various cinematography techniques and ways to frame and maintain picture composition.

Activity	Activity Objective
Basics of Lighting	Describe various lighting techniques.
Audio Techniques and Sound Mixing	Apply various audio techniques and describe sound mixing methods used for a successful audio-video production.
Set and Equipment Management	Describe the various activities involved in set and equipment management.
Unit Activity: Basics of Production	Identify basic camera functions and apply them to capture and analyze portrait and landscape photographs.

UNIT 4: POSTPRODUCTION

In this unit, you will familiarize yourself with various video-editing techniques. You will learn about the use of graphics and animation effects in audio-video production. You will also learn how to analyze final audio-enhancement techniques. Finally, you will learn the steps involved in assembling a final video.

Activity	Activity Objective
Learning to Edit	Describe and demonstrate mastery of various video editing techniques.
Using Graphics and Animation	Describe the use of graphics and animation in audio-video production.
Audio Enhancement	Analyze final audio enhancement techniques in audio-video production.

Activity	Activity Objective
Video Assembly	Explain and demonstrate the steps involved in assembling a final video.
Unit Activity: Postproduction	Learn the roles of different professionals in the postproduction process.

COURSE MAP

You will achieve course level objectives by completing each lesson's instruction, assignments, and assessments. For a detailed look at how the materials meet these objectives, review the [course map](#).