Film and Video Technology
Mississippi Curriculum Framework

Program CIP: 10.0201–Film and Video Technology

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The Office of Curriculum and Instruction (OCI) was founded in 2013 under the Division of Workforce, Career, and Technical Education at the Mississippi Community College Board (MCCB). The office is funded through a partnership with The Mississippi Department of Education (MDE), who serves as Mississippi's fiscal agent for state and federal Career and Technical Education (CTE) Funds. The OCI is tasked with developing statewide CTE curriculum, programming, and professional development designed to meet the local and statewide economic demand.

Contents

Research Abstract

The curriculum framework in this document reflects these changes in the workplace and a number of other factors that impact local vocational–technical programs. Federal and state legislation calls for articulation between high school and community college programs, integration of academic and vocational skills, and the development of sequential courses of study that provide students with the optimum educational path for achieving successful employment. National skills standards, developed by industry groups and sponsored by the U.S. Department of Education and Labor, provide vocational educators with the expectations of employers across the United States. All of these factors are reflected in the framework found in this document.

This curriculum was revised in 2024 with the inclusion of Hinds Community College and Pearl River Community College During the spring of 2024, the Office of Curriculum and Instruction (OCI) met with several business and industry members in Central Mississippi, Northern Mississippi and Southern Mississippi. An industry questionnaire was used to gather feedback concerning the trends and needs, both current and future, of their field. Industry members stated the curriculum needed several changes to accommodate the Entertainment Media Industry.

Industry Job Projection Data

A summary of occupational data is available from the Mississippi Department of Employment Security.

https://mdes.ms.gov/information-center/labor-market-information/

Articulation

Check with the local community college CTE administration for articulation agreements.

Industry Credentials, Certifications, and Professional Licensure

As curricula are revised or developed for Career Technical Education (for credit) programs at Mississippi's community colleges, appropriate industry credentials/certifications/professional licensure are identified (where applicable).

Each community college cooperating with businesses/industries in their college district determines if and when industry credentials/certifications/professional licensure are warranted.

Contact each community college for more information.

Dual Enrollment

See the "Procedures Manual For Dual Enrollment and Accelerated Programs" http://www.mississippi.edu/cjc/dual_enrollment.asp

Program Descriptions

Film and Video Technology

The Film and Video Technology program provides individuals with the knowledge and skills necessary to find employment in the film and video industry. The program prepares its students to work on feature film, television, multimedia, commercials, music videos, documentary films, Internet multimedia and other audio-visual media forms. The Film and Video Technology program offers a Career certificate, Technical certificate and/or an Associate of Applied Science Degree.

Suggested Course Sequence

Film and Video Technology Accelerated Pathway Credential

Course Number	Course Name	Semester Credit Hours	SCH Breakdown			Total Contact Hours	Contact Hour Breakdown		
			Lecture	Lab	Clinical/ Internship		Lecture	Lab	Clinical/ Internship
ETT 1013	Introduction to Entertainment Media Industry	3	3	0		45			
FVT 1213	Grip and Electrical	3	2	2		60			
FVT 1613	Production Skills	3	2	2		60			
	Other Instructor Approved Elective(s) per local community college	6							
	Total	**15**							

Film and Video Technology Career Certificate

Course Number	Course Name	Semester Credit Hours	SCH Breakdown			Total Contact Hours	Contact Hour Breakdown		
			Lecture	Lab	Clinical/ Internship		Lecture	Lab	Clinical/ Internship
ETT 1013	Introduction to Entertainment Media Industry	3	3			45			
ETT 2113	Audio Design and Production	3	2	2		60			
FVT 1113	Editing I	3	1	4		75			
FVT 1213	Grip and Electrical	3	2	2		60			
FVT 1313	Camera and Lighting I	3	2	2		60			
FVT 1613	Production Skills	3	2	2		60			
FVT 2613	Assistant Directing	3	2	2		60			
	Other Instructor Approved Elective(s) per local community college	9							
	Total	**30**							

Film and Video Technology Technical Certificate

Course Number	Course Name	Semester Credit Hours	SCH Breakdown			Total Contact Hours	Contact Hour Breakdown		
			Lecture	Lab	Clinical/ Internship		Lecture	Lab	Clinical/ Internship
ETT 2513	Media Portfolio	3		6		90			
FVT 2113	Editing II	3	1	4		75			
FVT 2313	Camera & Lighting II	3	2	2		60			
FVT 2413	Production and Set Management	3	2	2		60			
	Other Instructor Approved Elective(s) per local community college	3	3			45			
	Total	**15**							

Electives

Course Number	Course Name	Semester Credit Hours	SCH Breakdown			Total Contact Hours	Contact Hour Breakdown		
			Lecture	Lab	Clinical/ Internship		Lecture	Lab	Clinical/ Internship
ETT 1213	Digital Imaging and Editing	3	2	2		60			
EET 1223	Digital Illustration and Editing	3	2	2		60			
EET 2113	Audio Design and Production	3	2	2		60			
ETT 2523	Media Portfolio II	3	0	6		90			
FVT 1123	History of Film	3	3	0		45			
FVT 1323	Audio Editing I	3	1	4		75			
FVT 1333	Audio Editing II	3	1	4		75			
FVT 1343	Sound Recording Fundamentals	3	3	0		45			
FVT 1413	Screenwriting Fundamentals	3	2	2		60			
FVT 1713	Legal Aspects and Ethics of the Entertainment Business	3	3	0		45			
FVT 1813	Entertainment Costume and Wardrobe	3	2	2		60			
FVT 1913	Cinematography	3	2	2		60			
FVT 1923	Post-Production Mixing	3	1	4		75			
FVT 2123	Editing III: Independent Commercial Video Editing	3	1	4		75			
FVT 2133	Video Compositing and Special Effects	3	1	4		75			
FVT 2143	360° Media Editing	3	1	4		75			
FVT 2153	Color Grading and Correction	3	1	4		75			
FVT 2223	Documentaries and Reality Production	3	1	4		75			
FVT 2513	Motion Capture and Visual Effects	3	2	2		60			
FVT 2523	Audio Mixing Concepts and Techniques	3	1	4		75			
FVT 2533	Critical Audio Listening Skills	3	1	4		75			

Course	Title								
FVT 2553	Color Grading and Correction	3	2	2		60			
FVT 2623	Directing for the Screen	3	2	2		60			
FVT 2711	Script Supervising	1	1	0		15			
FVT 2713	Set Construction & Set Design 1	3	2	2		60			
FVT 2723	Set Construction & Set Design II	3	2	2		60			
FVT 2733	360 Degree Media Editing	3	2	2		60			
FVT 2813	Business Aspects of Film and Television	3	2	2		60			
FVT 2833	Aerial Camera Operations	3	2	2		60			
FVT 2543	Spatial Audio Recording and Editing	3	1	4		75			
FVT 193(1-6)	Supervised Work Experience in Film and Video								
EPT 291(1-3)	Special Project in Film and Video								
WBL 191(1-3), WBL 192(1-3), WBL 193(1-3), WBL 291(1-3), WBL 292(1-3), and WBL 293(1-3)	Work-Based Learning (1-6)								
All other Instructor approved electives per local community college									

General Education Core Courses

To receive the Associate of Applied Science degree, a student must complete all of the required coursework found in the Career Certificate option, Technical certificate option, and a minimum of 15 semester hours of General Education core. The courses in the General Education Core may be spaced out over the entire length of the program so that students complete some academic and Career Technical courses each semester or provided primarily within the last semester. Each community college will specify the actual courses that are required to meet the General Education Core Requirements for the Associate of Applied Science degree at their college. The Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) Section 9 Standard 3 of the *Principles of Accreditation: Foundations for Quality Enhancement[1]* describes the general education core.

Section 9 Standard 3:

3.   The institution requires the successful completion of a general education component at the undergraduate level that

a) is based on a coherent rationale.

b) is a substantial component of each undergraduate degree program. For degree completion in associate programs, the component constitutes a minimum of 15 semester hours of the equivalent; for baccalaureate programs, a minimum of 30 semester hours or the equivalent.

c) ensures breadth of knowledge. These credit hours include at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural science/mathematics. These courses do not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession.

General Education Courses

Course Number	Course Name	Semester Credit Hours	SCH Breakdown		Total Contact Hours	Contact Hour Breakdown		Certification Information
			Lecture	Lab		Lecture	Lab	Certification Name
	Humanities/Fine Arts	3						
	Social/Behavioral Sciences	3						
	Math/Science	3						
	Academic electives	6						
	TOTAL	**15**						

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[1] Southern Association of Colleges and Schools Commission on Colleges. (2024). *The Principles of Accreditation: Foundations for Quality Enhancement.* Retrieved from

https://sacscoc.org/app/uploads/2024/02/2024-POA-Resource-Manual.pdf

Film & Video Technology Courses

Course Number and Name: **ETT 1013**   **Introduction to Entertainment Media Industry**

Description: This course introduces the film and video industry, careers in the fields, and basic terms and vocabulary used in the industry.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	3		45

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Explain the history of the entertainment media industry.
    a. Discuss the beginnings and evolution of the entertainment media industry.
    b. Describe how changing technology is impacting the entertainment media industry.
    c. Summarize how the history of entertainment media is related to the industry today.

2. Analyze various careers and their job descriptions in audio/video technology and film.
    a. Describe the responsibilities the director, including knowledge of story structure, script analysis, the relationship to the production team. Include a discussion of the responsibilities of the 1st and 2nd Assistant Directors.
    b. Discuss the responsibilities of producers.
    c. Describe the duties of the editor for film productions.
    d. Discuss the responsibilities of others in this field including lighting directors, cinematographers, videographers, sound engineers, stunt coordinators, special effects coordinators, productions specialists, and other crewmembers.
    e. Discuss the responsibility of others in the field including director of photography, gaffer, key grip, costume designer, production designer, locations manager transpo coordinator, production manager, line producer, production accountant, stunt coordinators and special effects coordinators.

3. Explain the value of having a broad general knowledge of fine arts and cultural and regional diversity.
    a. Identify various types of audio and visual approaches that convey information or create an emotional impact.
    b. Define the terminology associated with audio/video technology and film production.

Course Number and Name: **ETT 1213   Digital Imaging and Editing**

Description: This course provides knowledge of the tools required to create graphic images and understand the most commonly used image editing concepts and terminology. Hands-on activities, collaborative learning and lecture are combined to provide participants a well-rounded project based program.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Identify and discuss industry standard image manipulation software.
   a. Describe the types of tools required for image capture and manipulation.
   b. Discuss the various tools palette needed to edit images and color correction.
   c. Discover how to adjust image resolution and size for a given project.

2. Explain how to create graphics for titles and backgrounds.
   a. Identify layering techniques.
   b. Identify the various tools palette needed to edit images and color correction.
   c. Explain how to adjust image resolution and size for a given project.

3. Demonstrate how to import and export files.
   a. Demonstrate the principles and formats of file compression.
   b. Demonstrate about the application of various saved file formats.

Course Number and Name: **ETT 1223** **Digital Illustration and Artistic Rendering**

Description: In this course students will understand and apply the elements of visual design and demonstrate the use of illustration software.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate a working knowledge of illustration and artistic rendering.
    a. Apply the elements of visual design.
    b. Apply the basic principles and methods of drawing used in digital and graphic design.
    c. Apply the basic principles, techniques, and media used in digital and traditional illustration styles.
    d. Use illustration software for illustration and artistic rendering.
    e. Practice and apply the different theories of form and composition.
    f. Demonstrate vector drawing and painting tools and apply their use appropriately.
    g. Apply the design/creative process to a 'real world" project.
    h. Draw accurately and freely with Pen tool.
    i. Create original illustrations with comprehensive layer control, gradients, blends and other Adobe Illustrator tools.
    j. Utilize the software tools to create special effects.
    k. Manipulate image integration and rasterization elements.
    l. Generate cross platform and broad-based file format support.

Course Number and Name: **ETT 2113**   **Audio Design and Production**

Description: Students will build basic skills for recording and delivering quality audio in field and location environments through an understanding of audio interfaces, mixers and microphones. Specific focus will be on audio production on a video or film set as well various multiple sound source environments.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate knowledge of basic tools and equipment used in audio field production.
    a. Describe the types, pick-up patterns, and use of various microphones used in typical field recording conditions.
    b. Employ knowledge regarding audio equipment used for productions including basic recording equipment, equalizers, mixing.
    c. Illustrate the techniques required for synchronization of audio with video and multiple sound tracks.
    d. Describe typical audio recording equipment used for field production.
    e. Describe the advantages and disadvantages of single and double system sound in the film and television environment.

2. Demonstrate the proper use of field equipment to capture field audio for film and television.
    a. Demonstrate the proper setup and operation of a shotgun microphone.
    b. Demonstrate the proper setup and operation of a wireless lavalier microphone.
    c. Demonstrate the proper setup and operation of an omnidirectional microphone.

3. Demonstrate the proper use of field audio recording equipment.
    a. Demonstrate setting and adjusting established industry standard recording levels for field recording.
    b. Demonstrate proper film and television set protocol and procedures for field recording.
    c. Complete industry required paperwork for effective post-production workflow.

4. Design an audio production.
    a. Apply knowledge of the critical elements in designing a production to activities in the pre-production stage.
    b. Identify the basic functions and resources for editing an audio production.
    c. Apply computer-based development in audio production and editing, with an emphasis on digital technology.

Course Number and Name: **ETT 2513   Media Portfolio I**

Description: This capstone class is the culmination of lessons learned in previous and present courses leading to the creation of final projects for job submissions. The student will originate a minimum of two projects and take them through the standard process of pre-production, production, editing, and final distribution.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3		6	90

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Conceptualize a short project and take the project through pre-production.
    a. Demonstrate organizational skills needed to begin production.
    b. Go through the selection of crew members for efficient production.
    c. Document script breakdown procedure and generate essential paperwork for each department.
    d. Demonstrate location selections based on project and production department needs.
    e. Generate all necessary production department legal forms necessary for effective production.

2. Complete all phases of production for necessary project completion.
    a. Organize the shooting day for efficient production.
    b. Create a series of daily call sheets.
    c. Generate "sides" for the actors and essential crew members.
    d. Create necessary and legal documentation for effective production.
    e. Demonstrate effective managerial skills through the completion of the project.

3. Complete project for distribution.
    a. Demonstrate collaborative skills working with an editor.
    b. Organize all necessary project paperwork for distribution.
    c. Create various output formats of final project for internet and personal distribution.

4. Create Self-Promotion portfolio for industry contacts.
    a. Build a web based portfolio.
    b. Develop professional social media presentation, currently such as Instagram, Facebook, twitter, etc.
    c. Develop industry networking plan.

Course Number and Name: **ETT 2523** **Media Portfolio II**

Description: This class is the culmination of lessons learned in previous and present courses leading to the creation of a final project for job submissions. The student will originate an advance project taking it through the standard process of pre- production, production, editing, and final distribution.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3		6	90

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Construct a project and take the project through pre-production.
    a. Demonstrate organizational skills needed to begin production.
    b. Go through the selection of crew members for efficient production.
    c. Document script breakdown procedure and generate essential paperwork for each department.
    d. Demonstrate location selections based on project and production department needs.
    e. Generate all necessary production department legal forms necessary for effective production.

2. Complete all phases of production for necessary project completion.
    a. Organize the shooting day for efficient production.
    b. Create a series of daily call sheets.
    c. Generate "sides" for the actors and essential crew members.
    d. Create necessary and legal documentation for effective production.
    e. Demonstrate effective managerial skills through the completion of the project.

3. Assemble project for distribution.
    a. Demonstrate collaborative skills working with an editor.
    b. Organize all necessary project paperwork for distribution.
    c. Create various output formats of final project for internet and personal distribution.

Course Number and Name: **FVT 1113**   **Editing I**

Description: This course covers the editing workflow and organizational skills in the digital environment using non-linear editing software. Topics include terminology, technologies, project workflow, basic sound and editing skills, and an understanding of output formats sound and picture editing skills. Upon completion, students should be able to demonstrate proficiency in using editing equipment, organizing project materials, local area network storage, and project collaboration.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate assistant editor organizational skills and basic knowledge of editing in the digital environment using non-linear editing software.
    a. Define terms associated with editing in the digital environment using non-linear editing software.
    b. Identify non-linear editing software used in the digital environment.
    c. Identify editing equipment.
    d. Explain project workflow from production to post-production, beginning in pre-production.

2. Demonstrate proficiency in using editing equipment in the digital environment to complete project.
    a. Properly set up project to established editing workflow.
    b. Import project media into established project.
    c. Organize project media for efficient workflow.
    d. Find and import music and sound effects to enhance project.

3. Export sequence for distribution.
    a. Export sequence for online distribution.

Course Number and Name: FVT 1123   History of Film

Description: This course explores the history of cinema through the study of narrative and non- narrative works from the silent-film era to the present day.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	3		45

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate an understanding of the history and development of World and American cinema.

2. Identify landmark films and technologies that have shaped and defined the development of specific genres and/or the film industry as a whole.

3. Analyze the impact of film on today's society.

Course Number and Name: **FVT 1213**   **Grip and Electrical**

Description: This course covers various grip and electrical and support packages used in different environments for studio and location. Topics include production support equipment, lighting instruments, hardware, stands, light modifiers, and electrical theory with emphasis on safety. Upon completion, students should be able to execute basic grip and electrical directions given by the key grip, and/or gaffer.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Discuss and demonstrate grip and lighting equipment used in a studio and on location.
    a. Identify grip and lighting equipment used in a studio and on location.
    b. Demonstrate the proper use of grip and lighting equipment used in a studio and on location.

2. Discuss and demonstrate knowledge of grip and electrical department hierarchy.
    a. Describe the responsibilities of the key, grip, and gaffer.
    b. Interpret key grip and gaffer terminology.
    c. Execute basic grip and electrical directions given by the key grip, and/or gaffer.
    d. Demonstrate knowledge of basic budget and rental procedures.

3. Demonstrate proper storage and maintenance of grip and electrical equipment.
    a. Demonstrate proper storage and maintenance of light instruments.
    b. Demonstrate proper storage and maintenance of electrical power distribution materials.
    c. Demonstrate proper storage and maintenance of grip equipment.

Course Number and Name: **FVT 1313   Camera and Lighting I**

Description: This course covers the basic principles of video camera and recorder operations in professional formats, crew protocol and safety, and basic lighting theory and application. Emphasis is placed on terminology, organizational skills, assistant camera responsibilities, the characteristics of light, basic lighting procedures, and proper procedures of field recording with video equipment. Upon completion, students should be able to demonstrate an understanding of the basic technical terms of camera operation, video recording, and lighting equipment

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Restate the basic principles of digital camera and recorder operation in professional formats.
    a. Describe the responsibilities of each member of the camera department.
    b. Properly identify and use essential equipment used by the assistant cameraman.
    c. Demonstrate an understanding of basic technical terms used in the operation of camera and video equipment.

2. Demonstrate job duties of a second assistant cameraman.
    a. Demonstrate proper setup of camera and support equipment in a timely manner.
    b. Demonstrate various techniques used to mark talent location within a camera shot.
    c. Demonstrate proper slate setup and use.
    d. Complete essential paperwork needed for production.

3. Demonstrate proper storage and maintenance of camera and video equipment.
    a. Demonstrate proper storage and maintenance of camera body.
    b. Demonstrate proper storage and maintenance of camera support equipment.
    c. Demonstrate proper storage and maintenance of camera lenses.

4. Restate terminology and use of basic lighting equipment.
    a. Demonstrate proper setup and storage of lighting equipment.
    b. Demonstrate basic lighting schemes.

Course Number and Name: **FVT 1323** **Audio Editing**

Description: Introduction to basic knowledge, theory and application of a Digital Audio Workstation. Students will study the basic project workflow of a nonlinear audio editor, editing techniques, and organizational skills.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate knowledge of foundational concepts in digital theory.

2. Identify and describe the tools and functions within a Digital Audio Workstation.

3. Demonstrate a working knowledge of file formats and file management.

4. Demonstrate knowledge of basic audio tracking and processing.

Course Number and Name: **FVT 1333** **Audio Editing II**

Description: This course is a continuation of Audio Editing I, and will cover advanced concepts and techniques of editing in a nonlinear audio workstation.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approval

Student Learning Outcomes:

1. Demonstrate advanced techniques in comping of music and dialogue tracks.

2. Describe the justification for and demonstrate how to properly record and edit ADR.

3. Describe a proper edit session setup in preparation for the final mix session.

4. Demonstrate how to properly edit a music stem to fit to picture.

Course Number and Name: **FVT 1343** **Sound Recording Fundamentals**

Description: Students will learn the basic principles of sound, audio electronics and terminology, microphone characteristics and applications, mixers and basic equipment, signal routing and processing.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	3	0	45

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Describe the characteristics of soundwave.

2. Identify and describe project studio signal flow

3. Identify and describe audio mixer signal flow

4. Demonstrate a basic understanding of differing microphone types and characteristics

5. Demonstrate a basic understanding of signal processing.

Course Number and Name: **FVT 1413** **Screenwriting Fundamentals**

Description: This course is an introduction to the building blocks upon which all film and television writing is based: visualization, dialogue, scenes, sequences, and basic dramatic structure. Students begin with writing exercises and proceed to the development of several short scripts using industry standard format.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate the basic structure of a script.
    a. Learn the various script formats for television and film.
    b. Discuss the technical differences between spec and production scripts.

2. Develop script formatting skills.
    a. Discuss the development of single camera script formatting for film.
    b. Discuss and develop multi-camera script formatting for television.

3. Recognize the fundamentals of story structure, character development, and dialogue.
    a. Discuss the basic 3-Act story structure and development of subplots.
    b. Learn how to write action/description
    c. Learn about character development and appropriate dialogue.

Course Number and Name: **FVT 1613   Production Skills**

Description: This course introduces the terminology, equipment, forms, responsibilities, and safety measures needed to fill the role of a production assistant. Job responsibilities of various other production departments will also be covered.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:
1. Recall common film set terminology.
    a. Define common film set terminology.

2. Discuss equipment used on a film set.
    a. Identify the equipment used on a film set.
    b. Explain the purpose of each piece of equipment.

3. Discuss the various forms used in production.
    a. Explain how forms are used for organization and legal security.
    b. Explain the purpose of common forms used on a film set.

4. Discuss safety on the film set.
    a. Explain the importance of enforcing appropriate safety precautions on the set.
    b. Relate good safety practices to reputation and professionalism.
    c. Identify safety measures taken before, during, and after a shoot.
    d. Identify safety concerns associated with working with talent.

5. Discuss the key support positions on a film set.
    a. Examine the various departments and discuss their place in the film industry.
    b. Discuss the various jobs and how they fit into the filmmaking process.
    c. Identify skills and training required to work as an assistant in the various set production departments.

Course Number and Name: **FVT 1713   Legal Aspects & Ethics of the Entertainment Business**

Description: In this course students learn about legal requirements and business practices and an examination of the complex, real-world ethical problems associated with the management of a business.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	3	0	45

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Examine strengths and weaknesses of real world contract writing by identifying best practices in contract writing strategies.

2. Examine the important roles of agents, managers, and attorneys, as well as best practices when hiring an attorney.

3. Discuss the responsibilities of managers, broaden their awareness of personal, professional, and business ethics, and the social responsibility of the entertainment industry.

4. Identify entity formation, insurance, taxes, intellectual property, real estate, employment and contracts.

5. Identify the regulations that control how a business operates in cyberspace.

Course Number and Name: **FVT 1813   Entertainment Costume and Wardrobe**

Description: This program covers methods used by costume designers to create and allocate costumes for all the different facets of the entertainment industry

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Examine a list of professional techniques utilized by stylists, costumers, and wardrobe personnel in context of the project.

2. Demonstrate surface and physical distressing by exploring a variety of purpose-made and improvised tools and supplies.

3. Demonstrate how to break down a script and interpret the characters in a film, video, or TV show.

4. Demonstrate how to create a costume plot, and how to build character closets.

Course Number and Name: **FVT 1913   Cinematography**

Description: This course will deepen students understanding of how to master
                                   control over image production in digital and film formats.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	60

Prerequisite: Instructor Approved

Student Learning Outcomes:
1. Describe the variables in lighting, exposure, camera positions and blocking affecting the outcome of a scene.

2. Demonstrate proper operations of advanced camera equipment and advanced settings.

3. Describe basic color theory and the impact of the color palette of projects to include emotional attributes that can be assigned to an image by changing the hue, saturation, and contrast of any given image.

Course Number and Name: **FVT 1923   Post Production Mixing**

Description: This course will build on the mixing skills of the student by covering advanced procedures of mixing within a digital audio workstation.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approval

Student Learning Outcomes:

1. Demonstrate knowledge of proper monitoring setup.

2. Describe proper sound imaging.

3. Demonstrate how to apply effects and processing to audio tracks.

4. Describe common recording techniques for music, voice or sound effects.

5. Prepare a final mix.

6. Describe preparation of a final mix to be ready for mastering.

Course Number and Name: FVT 193(1-6)   Supervised Work Experience in Film & Video

Description: A course which is a cooperative program between industry and education and is designated to integrate the student's technical studies with industrial experience. Variable credit is awarded on the basis of one semester hour per 45 industrial contact hours.

Hours Breakdown:

Semester Credit Hours	Lecture	Externship	Contact Hours
1	0	3	45
2	0	6	90
3	0	9	135
4	0	12	180
5	0	15	225
6	0	18	270

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Apply technical skills needed to be a viable member of the workforce.
   a. Prepare a description of technical skills to be developed in the supervised work experience.
   b. Develop technical skills needed to be a viable member of the workforce.

2. Apply skills developed in other program area courses.
   a. Perform skills developed in other program area courses.

3. Apply human relationship skills.
   a. Use proactive human relationship skills in the supervised work experience.

4. Apply and practice positive work habits and responsibilities.
   a. Perform assignments to develop work habits and responsibilities.

5. Discuss and perform written occupational objectives to be accomplished in the supervised work experience.

6. Assess accomplishment of objectives.
   a. Prepare daily written assessment of accomplishment of objectives.
   b. Present weekly written reports to instructor in activities performed and objectives accomplished.

7. Prepare, develop, and apply a set of written guidelines for the supervised work experience.

Course Number and Name: **FVT 2113**   **Editing II**

Description: This course covers advanced editing practices in the digital environment using non-linear editing software. Topics include terminology, technologies, project workflow, advanced sound and editing skills, and an understanding of output formats. Upon completion, students should be able to demonstrate proficiency in using editing equipment, local area network storage, and project collaboration.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate proper skills to work as an editor for film and/or television production.
    a. Cut shot sequences to different angles at specific points in scenes.
    b. Select and combine the most effective shots of each scene in order to form a logical and smoothly running story.
    c. Mark frames where a particular shot or piece of sound is to begin or end.
    d. Verify key numbers and time codes on materials.
    e. Organize and string together raw footage into a continuous whole according to scripts and/or the instructions of directors and producers.
    f. Review assembled films or edited digital projects on screens or monitors in order to determine if corrections are necessary.
    g. Review footage sequence by sequence in order to become familiar with it before assembling it into a final product.
    h. Set up and operate computer editing systems, electronic titling systems, video switching equipment, and digital video effects units in order to produce a final product.
    i. Manipulate plot, score, sound, and graphics to make the parts into a continuous whole.
    j. Discuss the sound requirements of pictures.

2. Demonstrate knowledge of editing in the digital environment using non- linear editing software.
    a. Define advanced terms associated with editing in the digital environment using non-linear editing software.
    b. Identify non-linear editing software used in the digital environment.
    c. Identify editing equipment.
    d. Explain project workflow.

3. Demonstrate proficiency in using editing equipment in the digital environment to complete a project.
    a. Use non-linear editing software to complete an editing project.
    b. Organize information correctly on a local area network.
    c. Synchronize double-system audio and video elements
    d. Collaborate with others on an editing project.
    e. Enhance scene mood by adding sound effects and music.
    f. Output project sequence for mass distribution.

Course Number and Name: FVT 2123   **Editing III: Independent Commercial Video Production**

Description: This course continues advanced instruction in editing techniques with emphasis on settings for commercial distribution. Students will collaborate on a practical project.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate the proper skills to work as an assistant director for film and television production.
    a. Cut shot sequences to different angles at specific points in scenes.
    b. Select and combine the most effective shots of each scene in order to form a l logical and smoothly running story.
    c. Mark frames where a particular shot or piece of sound is to begin or end.
    d. Verify key numbers and time codes on materials.
    e. Organize and string together raw footage into a continuous whole according to scripts and/or the instructions of directors and producers.
    f. Review assembled films or edited digital projects on screens or monitors in order to determine if corrections are necessary.
    g. Review footage sequenced by sequence in order to become familiar with it before assembling it into a final product.
    h. Set up and operate computer editing systems, electronic titling systems, video switching equipment, and digital video effects units in order to produce a final product.
    i. Manipulate plot, score, sound, and graphics to make the parts into a continuous whole.
    j. Discuss the sound requirements of pictures.

2. Demonstrate knowledge of editing in the digital environment using non-linear editing software.
    a. Define advanced terms associated with editing in the digital environment using nonlinear editing software.
    b. Identify non-linear editing software used in the digital environment.
    c. Identify editing equipment.
    d. Explain project workflow.

3. Demonstrate proficiency in using editing equipment in the digital environment to complete a project.
    a. Use non-linear editing software to complete an editing project.
    b. Organize information correctly on a local area network.
    c. Synchronize double system audio and video elements.
    d. Collaborate with others on an editing project.
    e. Enhance scene mood by adding sound effects and music.
    f. Output project sequence for mass distribution.

Course Number and Name: **FVT 2133** **Video Compositing and Special Effects**

Description: This course teaches the student to use advanced compositing and editing software, and plug-ins to achieve photo-realism in feature film and video digital effects.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:
1. Explain the history of practical and digital special effects.

2. Assemble a digital composite.

Course Number and Name: **FVT 2143   360 Degree Camera Operations**

Description: This course is designed to introduce the student to 360-degree cameras used in extended reality media production for various industries. This course will provide an understanding of the various tools and skill sets to effectively record 360-degree environments.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:
1. Explain the history of 360-degree camera operations and the various roles and tools utilized in 360-degree camera operations.

2. Demonstrate knowledge of 360-degree camera operations and applications.

Course Number and Name: **FVT 2153   Color Grading and Correction**

Description: In this hands-on course, students learn the art of color grading from an aesthetic and technical perspective.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Examine the principles of color theory, and the tools available to achieve them through lecture and interactive exercises using professional color correction software.

2. Demonstrate the essential knowledge to properly color correct their own content and experiment to find their visual aesthetic.

3. Demonstrate masking to correct color anomalies.

Course Number and Name: **FVT 2223   Documentaries and Reality Production**

Description: This course covers all aspect of documentary and reality series production

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate directing, producing, preproduction, history, writing, genres, and interviews for documentary and reality productions.

2. Discuss the philosophy of ethics and research as it pertains to the preproduction and production of nonfiction story telling.

3. Discuss copyright and fair use.

Course Number and Name: **FVT 2313**   **Camera and Lighting II**

Description: This course offers advanced principles of video camera and recorder operations and introduces students to film formats and equipment as well as advanced lighting theory applications. Emphasis is placed on first assistant and operator responsibilities, terminology, lighting for effect, and color correction. Upon completion, students should be able to demonstrate an understanding of camera terms and equipment, lighting theory and applications, and assist on studio and location shoots.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate the basic principles of digital camera and recorder operation in professional formats.
   a. Describe the responsibilities of each member of the camera department.
   b. Properly identify and use essential equipment used by the assistant cameraman.
   c. Demonstrate an understanding of basic technical terms used in the operation of camera and video equipment.

2. Demonstrate job duties of a first assistant cameraman.
   a. Demonstrate proper setup of advanced camera and support equipment in a timely manner.
   b. Demonstrate proper equipment use and techniques for obtaining camera focus.
   c. Demonstrate adjusting camera settings dictated by director of photographer.

3. Demonstrate proper storage and maintenance of advanced camera and video equipment.
   a. Demonstrate proper storage and maintenance of advanced camera body.
   b. Demonstrate proper storage and maintenance of advanced camera support equipment.
   c. Demonstrate proper storage and maintenance of advanced camera lenses.

4. Discuss terminology and use of basic lighting equipment.
   a. Demonstrate proper setup and storage of advanced lighting equipment.
   b. Demonstrate advanced lighting schemes.

Course Number and Name: **FVT 2413** **Production and Set Management**

Description: This course provides an analysis of procedures and problems in preparing a script for film or television production. Emphasis is on the role of the production coordinator in breaking down scripts, and scheduling pre- production, production, and post-production.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:
1. Discuss the hierarchy of production and set management.
    a. Learn the duties of individual members of production management.
    b. Describe the duties of a production manager.
    c. Describe the duties of a production coordinator.

2. Demonstrate knowledge of production manager duties.
    a. Detail steps needed to establish a production office.
    b. Detail office rooms and office equipment needed for efficiency.
    c. Detail essential paperwork workflow.
    d. Describe producer and studio requirements from the production office.

3. Demonstrate knowledge of set requirements from the production office.
    a. Describe creation and distribution of script sides.
    b. Describe creation and distribution of call sheets.
    c. Detail distribution of paperwork to upper management.

4. Discuss the steps needed to close production office.
    a. Describe steps needed to close out accounts.
    b. Describe steps needed for post production.
    c. Describe steps needed for wrap memo.

Course Number and Name: **FVT 2513   Motion Capture and Visual Effects**

Description: This course provides a survey of motion capture and virtual production concepts and technologies. It focuses on the optical motion capture pipeline for recording, real-time retargeting and post-processing of full body human motion and props. Students are encouraged to develop their own methods and processes for experimenting with capturing and remapping motion as well as write about their work.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate knowledge of image editing software.

2. Demonstrate knowledge of motion capture data.
    a. Understand the history of motion capture and current contexts of application.
    b. Understand the technology and process of optical motion capture.
    c. Develop an understanding of virtual production paradigm.

3. Demonstrate knowledge of managing a performance.
    a. Develop the skills to direct an effective motion capture session.
    b. Acquire working knowledge of software used in capturing and processing data.
    c. Acquire working knowledge of motion editing.
    d. Apply motion capture data in a way relevant to their field.

Course Number and Name: **FVT 2523**   **Audio Mixing Concepts and Techniques**

Description: This course will introduce the principles of session setup and mixing procedures within the virtual console of a Digital Audio Workstation, with an emphasis on audio for film and video.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:
1. Explain pre-production and session setup procedures.

2. Demonstrate how to document the mixing session.

3. Describe gain structure of a DAW and the audio console.

4. Demonstrate knowledge of timecode, syncing, and mix format, as it relates to film and video.

5. Describe basic studio troubleshooting techniques.

6. Describe nesting channel techniques.

Course Number and Name: **FVT 2533**   **Critical Audio Listening Skills**

Description: This course covers the critical and analytic listening methods to evaluate frequency, sound quality, mix structure, and to analyze common sound problems.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Estimate sound frequency by octave bands.

2. Identify various distortion types and coloration.

3. Identify harmonic structure.

4. Identify musical parts, ambiance and mix structure.

5. Identify noise types and isolate them on set or in post.

Course Number and Name: **FVT 2543**   **Spatial Audio Recording and Editing**

Description: This course is designed to cover the unique skills and equipment needed to deliver quality 360 degree recordings through various location environments.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	1	4	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Discuss the history and various tools and techniques needed to record effective special audio recordings.

2. Demonstrate proficiency in using specialized equipment, software, and techniques used to effectively record a special audio recording.

3. Complete and export a quality audio projects for delivery.

Course Number and Name: **FVT 2553**   **Color Grading and Correction**

Description: In this hands-on course, students learn the art of color grading from an aesthetic and technical perspective.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate the principles of color theory and the tools available to achieve them through professional color correction software.

2. Demonstrate the essential knowledge to properly color correct and create a visual aesthetic.

3. Demonstrate masking to correct color anomalies.

Course Number and Name: **FVT 2613   Assistant Directing**

Description: In this course students will demonstrate the principles of organizing and managing the personnel of a film or video production. Legal responsibilities, proper paperwork, associated software, and

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:
1. Examine the organizational structure of set production.
    a. Examine the duties of the assistant director.
    b. Examine the duties of the 2nd assistant director.
    c. Examine the duties of the 2nd, 2nd assistant director.

2. Demonstrate the pre-production duties of an assistant director.
    a. Demonstrate the organizational skills needed for pre-production.
    b. Break down a script for pre-production scheduling.
    c. Create production shooting schedule using industry standard software.
    d. Create "Day out of Days" schedule for actors.

3. Demonstrate the production duties of an assistant director.
    a. Prepare a call sheet for daily production.
    b. Demonstrate ability to efficiently organize daily work schedule.
    c. Demonstrate assistant director set protocol.
    d. Examine the essential paperwork needed for extras and actors.
    e. Create and detail the purpose of Daily Production Reports.

Course Number and Name: **FVT 2623**   **Directing for the Screen**

Description: This course will teach the basic fundamentals of screen directing, which includes script breakdown, scene blocking, communication with cast and crew, and the logistics of production

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Illustrate the story and dialogue in a scene.

2. Illustrate the pre-visualization of the script for purposes of shot design and or style.

3. Discuss set logistics and the role of the director in set management.

4. Demonstrate working with actors and crew.

5. Demonstrate blocking a scene with actors and for the camera.

6. Demonstrate capturing and covering a scene effectively.

7. Revise editing footage together effectively from an intended design.

8. Analyze approach, story, and style in terms of film directing.

Course Number and Name: **FVT 2711   Script Supervising**

Description: This course examines the role of the script supervisor in film production. Content emphasizes the importance of continuity for productions, script timing, reporting, script breakdown, and other tools of the trade.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
1	1	0	15

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Discuss the importance and job duties of a script supervisor during production.
   a. Analyze the relationship between director and script supervisor.
   b. Identify the relationship between production staff and script supervisor.
   c. Discuss the relationship between the editor and script supervisor.

2. Demonstrate pre-production duties of a script supervisor.
   a. Discuss tools and supplies needed for the job.
   b. Discuss integration of script changes and impact to production.
   c. Create a Master Break Down log of the script.
   d. Discuss paperwork distribution with production.

3. Demonstrate script supervisor production duties.
   a. Demonstrate how to properly "Line a Script" during rehearsal.
   b. Demonstrate how to complete "Left or Facing Pages" during production shooting.
   c. Demonstrate how to properly label takes and relay information to essential departments.
   d. Prepare daily paperwork for the production department and the editorial department.

Course Number and Name: **FVT 2713   Set Construction and Set Design**

Description: This course provides the fundamentals needed for the construction of sets for Film & TV. The use of unique materials, construction, and finishing skills will be explored. Hands-on experience in the creation of set design, which follows film industry standards and work rules, will be provided.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Identify and demonstrate essential safety in a working environment.
   a. Demonstrate proper use of safety equipment.
   b. Demonstrate knowledge of basic first aid procedures.
   c. Demonstrate safe handling of tools.

2. Recognize how to identify various building materials.
   a. Discuss the basic properties of wood, foam, fiberglass, silicone, etc.
   b. Select the type of materials for the project.

3. Identify and demonstrate the proper use of basic tools and equipment used in movie set construction.
   a. Identify, use or maintain power tools effectively.
   b. Identify, use or maintain cordless tools effectively.
   c. Use measuring tools effectively.

4. Complete the construction of basic studio components.
   a. Design or construct a set flat.
   b. Design or construct a wall jack.
   c. Design or construct an apple box.

Course Number and Name: **FVT 2723**   **Set Construction II**

Description: This course offers advanced skills for the construction of sets for Film & TV. Hands-on experience in advanced set construction will be provided. Cost analysis and proper budgeting skills will be covered.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Identify and demonstrate the proper use of specialized tools and equipment used in movie set construction.

2. Interpret and execute production designer set drawings.

3. Identify the supplies needed to complete a project.

4. Formulate the necessary skills to budget and order supplies for completion of project.

Course Number and Name: FVT 2733   360 Degree Media Editing

Description: This course is designed to cover the specialized editing workflow and delivery of completed projects unique to 360-degree footage.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Explain the history and the various tools and skills used to edit 360-degree digital footage.

2. Demonstrate proficiency in using non-linear editing software and syncing audio to complete 360-degree projects.

3. Demonstrate project sequence for distribution.

Course Number and Name: **FVT 2813   Business Aspects of Film and Television Production**

Description: The course will introduce the fundamentals of budgeting, financial records, and the distribution of films. Starting with a brief historical review of the American film industry, the course will describe the major film corporations and their subsidiaries and the rise of the independent film industry. Additional topics include basic accounting issues, marketing concepts, distribution, advertising, the Internet, publicity, finding a distribution partner, negotiation tactics and strategies, and establishing a "paper trail" for financial transactions.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:
1. Examine the history of the American film industry.
    a. Discuss about the studio system of filmmaking.
    b. Discuss about the independent system of filmmaking.

2. Create a marketing plan for a new film in production.
    a. Identify and define terminology associated with motion picture and television production advertising, marketing, and release.
    b. Demonstrate knowledge of motion picture marketing techniques.
    c. Demonstrate knowledge and ability to write a motion picture news release.

3. Demonstrate knowledge of basic motion picture and television business accounting procedures.
    a. Demonstrate knowledge of finance acquisition.
    b. Demonstrate knowledge of finance distribution.
    c. Demonstrate knowledge of industry standard accounting software.

4. Demonstrate knowledge of motion picture releasing and distribution techniques.
    a. Demonstrate knowledge of production company business plan development.
    b. List, define and demonstrate knowledge of television and motion picture releasing and distribution techniques.
    c. Demonstrate knowledge and ability to construct MPAA style approved press releases.

Course Number and Name: **FVT 2833**   **Aerial Camera Operations**

Description: This course covers the proper set up and operation of specialized camera equipment used on aerial platforms for film and video use. Emphasis will be placed on camera operation and shot composition.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Demonstrate a camera within the limitations of the aerial platform.
    a. Gain knowledge of the FAA rules and regulations regarding UAS.
    b. Equip the camera following federal guidelines.
    c. Communicate with the UAS operator.

2. Demonstrate how to adapt the camera for UAS use.
    a. Diagnose and correct camera operation problems.
    b. Download footage from the camera.

3. Interpret camera movement and composition given by the director.
    a. Demonstrate a working knowledge of camera movement.
    b. Demonstrate a working knowledge of camera composition.

4. Explain communication with the unmanned aerial vehicle operator.
    a. Develop a working knowledge of aerial terminology.

Course Number and Name: **FVT 291(1-3)   Special Projects in Film and Video**

Description: A course to provide students with an opportunity to utilize skills and knowledge gained in other Film and Video courses. The instructor and student work closely together to select a topic and establish criteria for completion of the project.

Hours Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
1	0	2	30
2	0	4	60
3	0	6	90

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Construct a written plan for the special project.
   a. Compile a written plan for the special project in cooperation with the instructor which details the work to be accomplished, a schedule for delivery, and specific skills/tasks to be mastered.

2. Prepare a written report of activities and accomplishments.
   a. Compile a daily log of activities and tasks.
   b. Submit weekly reports to the instructor summarizing activities and tasks completed.
   c. Submit a final report of activities and experiences.

3. Explain how to follow written guidelines for the special project.
   a. Complete all required activities in the training program.
   b. Adhere to all written and oral instructions for the special project.

Course Number and Name: WBL 191(1-3)   Work-Based Learning I, II, III, IV, V, and VI
WBL 191(1-3), WBL 192(1-3), WBL 193(1-3), WBL 291(1-3),
WBL 292(1-3), and WBL 293(1-3)

Description: A structured work-site learning experience in which the student, program area teacher, Work-Based Learning Coordinator, and worksite supervisor/mentor develop and implement an educational training agreement. Designed to integrate the student's academic and technical skills into a work environment. Includes regular meetings and seminars with school personnel for supplemental instruction and progress reviews.

Hours Breakdown:

Semester Credit Hours	Lecture	Externship	Contact Hours
1	0	3	45
2	0	6	90
3	0	9	135

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Apply technical skills and related academic knowledge needed to be a viable member of the workforce.
   a. Apply technical skills needed to be a viable member of the workforce.
   b. Apply skills developed in other related courses in a work-based setting.
   c. Perform tasks detailed in an educational training agreement at the work setting.

2. Apply general workplace skills to include positive work habits and responsibilities necessary for successful employment.
   a. Demonstrate pro-active human relationship skills in the work setting to include conflict resolution, team participation, leadership, negotiation, and customer/client service.
   b. Demonstrate time, materials, and resource management skills.
   c. Demonstrate critical thinking skills such as problem solving, decision making, and reasoning.
   d. Demonstrate acquiring, evaluating, organizing, maintaining, interpreting, and communicating information.
   e. Demonstrate positive work habits and acceptance of responsibilities necessary for successful employment.

Appendix A Recommended Tools and Equipment

Capitalized Items

1. 4K or greater Cinema camera and assorted support equipment
2. Cinema Prime Lens Kit or comparable lens kit and Cinema Zoom kit
3. Gimbal or comparable hand held rig
4. Quality tripod with fluid heads or comparable fluid tripod (2)
5. 7" on camera external monitor
6. Rode NTG-2 shotgun microphone kit or comparable kit
7. Sennheiser ew 112 lavalier system or comparable kit
8. Zoom H6 recorder or comparable multi-track recorder
9. 1,000 watt equal LED barn doors fresnel (2)
10. 600 watt or equal LED panel light kit
11. (4) 300 watt or equal LED with barn doors
12. Basic grip equipment
13. Rycote stickies and fuzzies
14. Mole skin
15. Over the ear headphones (2 per program)
16. Kino Flo kit
17. Matthews Scrim and Flag Kit
18. 4' x 4' butterfly set
19. Mac Pro or PC Workstation computer (1 per student)
20. iPad (2 per class)
21. Generic Walkie Talkies

Non-Capitalized Items

1. 25' and 50' electric extension cables and (10) 3-way power adapters
2. C-stands (7 per program)
3. Baby C-stands (7 per program)
4. Green screen and/or blue screen
5. Assorted light gels
6. SOFTWARE- AVID or Premiere, Photoshop, Movie Magic Scheduling, DeVinci Resolve

Recommended Instructional Aids

It is recommended that instructors have access to the following items:

1. Tool kit (1 per program)
2. Video screen (1 per program)
3. TV (1 per program)
4. Smart board (1 per program)

*Equipment choices should be adjusted to modern advances and budgetary constraints.

Other equipment items can be added when deemed appropriate by the community college industry craft committee or by industry/business training requirements.

Appendix B Curriculum Definitions and Terms

- Course Name – A common name that will be used by all community colleges in reporting students

- Course Abbreviation – A common abbreviation that will be used by all community and junior colleges in reporting students

- Classification – Courses may be classified as the following:
  - Career Certificate Required Course – A required course for all students completing a career certificate.
  - Technical Certificate Required Course – A required course for all students completing a technical certificate.
  - Technical Elective – Elective courses that are available for colleges to offer to students.

- Description – A short narrative that includes the major purpose(s) of the course

- Prerequisites – A listing of any courses that must be taken prior to or on enrollment in the course

- Corequisites – A listing of courses that may be taken while enrolled in the course

- Student Learning Outcomes – A listing of the student outcomes (major concepts and performances) that will enable students to demonstrate mastery of these competencies

The following guidelines were used in developing the program(s) in this document and should be considered in compiling and revising course syllabi and daily lesson plans at the local level:

- The content of the courses in this document reflects approximately 75% of the time allocated to each course. The remaining 25% of each course should be developed at the local district level and may reflect the following:
  - Additional competencies and objectives within the course related to topics not found in the state framework, including activities related to specific needs of industries in the community college district
  - Activities that develop a higher level of mastery on the existing competencies and suggested objectives
  - Activities and instruction related to new technologies and concepts that were not prevalent at the time the current framework was developed or revised
  - Activities that include integration of academic and career–technical skills and course work, school- to-work transition activities, and articulation of secondary and postsecondary career–technical programs

  - Individualized learning activities, including work-site learning activities, to better prepare individuals in the courses for their chosen occupational areas

- Sequencing of the course within a program is left to the discretion of the local college. Naturally, foundation courses related to topics such as safety, tool and equipment usage, and other fundamental skills should be taught first. Other courses related to specific skill areas and related academics, however, may be sequenced to take advantage of seasonal and climatic conditions, resources located outside of the school, and other factors. Programs that offer an Associate of Applied Science Degree must include all of the required Career Certificate courses, Technical Certificate courses **AND** a minimum of 15 semester hours of General Education Core Courses. The courses in the General Education Core may be spaced out over the entire length of the program so that students complete some academic and Career Technical courses each semester. Each community college specifies the actual courses that are required to meet the General Education Core Requirements for the Associate of Applied Science Degree at their college.

- In order to provide flexibility within the districts, individual courses within a framework may be customized by doing the following:

- Adding new student learning outcomes to complement the existing competencies and suggested objectives in the program framework.

- Revising or extending the student learning outcomes

- Adjusting the semester credit hours of a course to be up 1 hour or down 1 hour (after informing the Mississippi Community College Board [MCCB] of the change)

Appendix C Recommended Textbook List

RECOMMENDED FILM AND VIDEO TECHNOLOGY TEXTBOOK LISTS		
CIP: 10.0201- FILM AND VIDEO TECHNOLOGY		
Title	**Author**	**ISBN**
Running the Show	Liz Gill	978-0-3671-8738-5
Cinematography: Theory and Practice	Blain Brown	978-0-3673-7345-0
Film Production Management	Bastian Cleve	978-0-4157-8877-9
Sound for Film and Television	Tomlinson Holman	978-0-2408-1330-1
Voice & Vision: A Creative Approach to Narrative Filmmaking	Mick Hurbis-Cherrier	978-0-4157-3998-6
Film Directing Fundamentals: See Your Film Before Shooting	Nicholas T. Proferes	978-1-1380-5291-8
Adobe Premiere Pro CC	Maxim Jago	978-0-1352-9889-3
Set Lighting Technician's Handbook 5th Ed.	Harry C. Box	978-1-138-39172-7
Getting it Done: The Ultimate Production Assistant Guide	Joshua A Friedman	978-1-9329-0788-9
Script Supervising and Film Continuity	Pat P. Miller	978-0-2408-0294-7
The Location Sound Bible	Rick Viers	978-1-6159-3120-0
Film Production Management 101	Debora Patz	978-1-9329-0777-3
The Camera Assistant's Manual	David Elkins	978-1-1383-2335-3
Beyond Continuity: Script Supervision for the Modern Filmmaker	Mary Cybulski	978-0-2408-1489-6
Grammar of the Edit	Christopher Bowen	978-1-0321-9011-2
The Grip Book	Michael Uva	978-1-0322-5586-6

Appendix D Course Crosswalk

Course Crosswalk Film and Video Technology						
CIP10.0201 Film and Video Technology						
Note: Courses that have been added or changed in the 2018 curriculum are highlighted.						
Previous			Current		
2011 MS Curriculum Framework			2018 MS Curriculum Framework		
Course Number	Course Title	Hours	Course Number	Course Title	Hours
ETT 1013	Introduction to Entertainment Media Industry	3	ETT 1013	Introduction to Entertainment Media Industry	3
ETT 1213	Digital Imaging and Editing	3	ETT 1213	Digital Imaging and Editing	3
ETT 2112	Audio Design and Production	2	ETT 2112	Audio Design and Production	3
ETT 2513	Media Portfolio	3	ETT 2513	Media Portfolio	3
			FVT 1323	Audio Editing I	3
			FVT 1333	Audio Editing II	3
			FVT 1343	Sound Recording Fundamentals	3
			ETT 2113	Audio Design and Production	3
FVT 1114	Editing I	4	FVT 1113	Editing I	3
FVT 1213	Grip and Electrical	3	FVT 1213	Grip and Electrical	3
FVT 1314	Camera and Lighting I	4	FVT 1313	Camera and Lighting I	3
FVT 1613	Production Skills	3	FVT 1613	Production Skills	3
			FVT 1713	Legal Aspects and Ethics of the Entertainment Business	
			FVT 1813	Entertainment Costume and Wardrobe	
			FVT 1913	Cinematography	
			FVT 1923	Post-Production Mixing	
			FVT193(1-6)	Supervised Work Experience in Film and Video	
FVT 2114	Editing II	4	FVT 2113	Editing II	3
			FVT 2143	360° Degree Camera Operations	3
			FVT 2153	Color Grading and Correction	3
FVT 2613	Assistant Directing	3	FVT 2613	Assistant Directing	3
FVT 2713	Set Construction	3	FVT 2713	Set Construction	3
			FVT 2733	360 Degree Media Editing	3
FVT 2114	Editing II	4	FVT 2113	Editing II	3
FVT 2314	Camera & Lighting II	4	FVT 2313	Camera & Lighting II	3
FVT 2413	Production and Set Management	3	FVT 2413	Production and Set Management	3
			FVT 2523	Audio Mixing Concepts and Techniques	3
			FVT 2533	Critical Audio Listening Skills	3
			FVT 2223	Documentaries and Reality Production	3
			FVT 2543	Spatial Audio Recording and Editing	3

			FVT 2553	Color Grading and Correction	
			FVT 2543	Spatial Audio Recording and Editing	3
			FVT 2623	360° Camera Operations	3
			EPT291(1-3)	Special Project in Film and Video	1-3
			WBL 191(1-3), WBL 192(1-3), WBL 193(1-3), WBL 291(1-3), WBL 292(1-3), and WBL 293(1-3)	Work-Based Learning (1-6)	1-6

Course Crosswalk
Film and Video Technology
CIP10.0201 Film and Video Technology

Note: Courses that have been added or changed in the 2024 curriculum are highlighted.

Revised					
2024 MS Curriculum Framework					
Course Number	**Course Title**	**Hours**	**Course Number**	**Course Title**	**Hours**
ETT 1013	Introduction to Entertainment Media Industry	3			
ETT 1213	Digital Imaging and Editing	3			
ETT 1223	Digital Illustration and Artistic Rendering	3			
ETT 2113	Audio Design and Production	3			
ETT 2513	Media Portfolio I	3			
ETT 2523	Media Portfolio II	3			
FVT 1113	Editing I	3			
FVT 1123	History of Film	3			
FVT 1213	Grip and Electrical I	3			
FVT 1313	Camera and Lighting I	3			
FVT 1323	Audio Editing I	3			
FVT 1333	Audio Editing II	3			
FVT 1343	Sound Recording Fundamentals	3			
FVT 1413	Screenwriting Fundamentals	3			
FVT 1613	Production Skills	3			
FVT 1713	Legal Aspects and Ethics of the Entertainment Business	3			
FVT 1813	Entertainment Costume and Wardrobe	3			
FVT 1913	Cinematography	3			
FVT 1923	Post-Production Mixing	3			
FVT193(1-6)	Supervised Work Experience in Film and Video	1-6			
FVT 2113	Editing II	3			
FVT 2123	Editing III: Independent Commercial Video Production	3			
FVT 2133	Video Compositing and Special Effects	3			
FVT 2143	360° Degree Camera Operations	3			
FVT 2153	Color Grading and Correction	3			
FVT 2223	Documentaries and Reality Production	3			
FVT 2313	Camera & Lighting II	3			
FVT 2413	Production and Set Management	3			
FVT 2513	Motion Capture and Visual Effects	3			
FVT 2523	Audio Mixing Concepts and Techniques	3			
FVT 2533	Critical Audio Listening Skills	3			
FVT 2543	Spatial Audio Recording and Editing	3			
FVT 2553	Color Grading and Correction	3			
FVT 2613	Assistant Directing	3			
FVT 2623	Directing for the Screen	3			
FVT 2711	Script Supervising	3			
FVT 2713	Set Construction and Set Design	3			
FVT 2723	Set Construction II	3			
FVT 2733	360 Degree Media Editing	3			

FVT 2813	Business Aspects of Film and Television Production	3			
FVT 2833	Aerial Camera Operations	3			
FVT 291(1-3)	Special Project in Film and Video	1-3			
WBL 192(1-3) WBL 193(1-3) WBL 291(1-3) WBL 292(1-3) WBL 293(1-3)	Work-Based Learning (1-3)	1-3			