

**EL DORADO UNION HIGH SCHOOL DISTRICT
Educational Services**

Course of Study Information Page

Course Title: Introduction to Television Production (#487)	
Rationale: A continuum of courses, including advanced classes in technology is needed. At Union Mine, the 4x4 schedule creates an immediate need for additional elective options. This course provides the opportunity for students to increase their technical skills through a year-long (one term) course. In addition, this course offers students the opportunity to explore television production as a possible career option.	
Course Description: This course provides an introduction to the field of television production. Students will be introduced to analog and digital video cameras, and digital still cameras, techniques for editing video on linear and non-linear tape editors, as well as on the computer and how to create the daily news broadcast for the school. Students will learn how to create basic graphics and animation for video. Further, students will explore career options in the field of broadcast news. Students will be required to create a portfolio of their work for prospective employers.	
How Does This Course Align With or Meet State and District Content Standards? The currently adopted District Technology Standards support this course (See El Dorado County Technology Competencies: Grades 9-12). In addition, the Language Arts Standards and the National Technology Standards from ISTE also support this type of course. Further, the District's Strategic Plan supports the integration of School-to-Career components within courses of study (See Focus Group - School-to-Career). Finally, this course introduces students to a field of employment with incredible opportunities for employment.	
Length of Course:	One term at UMHS; One semester at all other sites
Grade Level:	10-12
Credit: <input checked="" type="checkbox"/> Number of units <u>10 @ UMHS; 5 per Semester @ all other sites</u> <input type="checkbox"/> Meets graduation requirements <input type="checkbox"/> Request for UC "a-f" requirements <input type="checkbox"/> College Prep <input checked="" type="checkbox"/> Elective <input type="checkbox"/> Vocational	
Prerequisites:	Computer Technology 473 (UMHS) or two semesters of Computer Technology (EDHS, PHS, ORHS, IHS) and recommendation from the most recent English teacher.
Department(s):	Business
District Sites:	All
Board of Trustees Adoption Date:	January 23, 2001
Textbook(s)/Instructional Materials:	On-line curriculum from http://www.cybercollege.org and Adobe Premier Video Editing Software
Date Adopted by the Board of Trustees:	May 8, 2001

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UNIT #1 : TV Production Overview

GOAL: Students will be introduced to television production and the roles and job descriptions of the various people involved in the production of a television program.

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand the job responsibilities of the people involved in television production	Read "Who Does What and Why?"
Understand key terms	Create a database on the computer with key terms and definitions Visit the glossary of key terms online
Understand the three production phases	Read "The Three Production Phases"
Analyze the impact of the media	Read "The Broadcast Media's Growing Role in International Politics," "The Media's Effect in South Africa," "The Broadcast Media's Growing Role in International Politics-Part II," and "The Impact of the Media Coverage in the United States" Describe a more recent event that had a similar outcome
Demonstrate an understanding of the contents of the unit by completing a puzzle quiz and the interactive quiz	Complete the puzzle quiz and the interactive quiz
Understand the roles involved with the production of a daily news show for the school	List the roles and responsibilities of the news crew Select a new role each week and teach your previous week's position to the new person
Create a portfolio	Complete a Summary Portfolio Sheet for each activity
Find a mentor/coach	Locate, with your instructor's help, a mentor/coach to advise you during this class. Schedule regular meetings to review your portfolio

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UNIT #2: Program Proposals and Treatments

GOAL: Students will be introduced to the concept of writing a program proposal or treatment

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand what a program proposal or treatment is	Read "Writing the Program Proposal or Treatment" Create a program proposal or treatment for a story for our news broadcast
Understand key terms	Record, define and update key terms in your computer database
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #3 : Capturing and Holding Viewer Attention

GOAL: Students will be introduced to the concept of capturing and holding viewers attention

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand how broadcast television captures and holds viewer attention	Read "Capturing and Holding Viewer Attention" Create a list of techniques we might use to hold our audiences attention during a broadcast
Understand key terms	Record, define and update key terms in your computer database.
Demonstrate an understanding of the key concepts in this unit	Complete the interactive quiz
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #4 : The Production Sequence

GOAL: Students will be introduced to the concept of writing a program proposal or treatment

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand the 15 steps in production of a television program	Read "The Production Sequence" List the stages we should use in the production of our news broadcast
Understand key terms	Record, define and update key terms in your computer database
Demonstrate an understanding of the contents of the unit by completing a puzzle quiz and the interactive quiz	Complete the puzzle quiz and the interactive quiz
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #5: The Script - The Key Element in Productions

GOAL: Students will be introduced to scripting for television production

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand how the script plays a critical role in television production	Read "The Script-The Key Element in Productions" Create a sample script for one of our news broadcasts
Understand key terms	Record, define and update key terms in your computer database
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #6 : Scriptwriting Guidelines

GOAL: Students will be introduced to the basic format for scriptwriting for television

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand how video scripts are written	Read "Scriptwriting Guidelines" Review the sample scripts and determine a format that will work for our news broadcast
Create a list of common abbreviations used in video scripting	List the common abbreviations and what they mean Review the list for the abbreviations we should be using in our production
Review examples of television scripts	Visit the web site given in the chapter and select one or two actual television show scripts to review What techniques do they have in common? What techniques could we also use?
Review the different types of software available for script writing	Visit several scriptwriting program web sites. Compare and contrast several of the software programs List the features we should look for in a software application for scriptwriting
Understand key terms	Record, define and update key terms in your computer database
Demonstrate an understanding of the key concepts in this unit	Complete the interactive quiz
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #7 : Costing Out a Production

GOAL: Students will be introduced to the concept of costing out a production attention

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand the basics of costing out a television production	Read "Costing Out a Production" Create a list of the expenses we have to create our production
Understand ratings, shares, HUTS, and CPM	Read "Ratings, Shares, HUTS and CPM" How could we determine the ratings for our show?
Understand key terms	Record, define and update key terms in your computer database
Demonstrate an understanding of the key concepts in this unit	Complete the puzzle quiz
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #8 : How the TV Process Works

GOAL: Students will be introduced to the concept of motion in television production

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand how broadcast television creates motion through a sequence of still images	Read "How the Television Process Works" What standard are we using? What are the advantages of digital signals?
Understand key terms	Record, define and update key terms in your computer database
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #9 : World Television Standards and DTV/HDTV

GOAL: Students will be introduced to the concept of capturing and holding viewers attention

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand the different broadcast television standards	Read "World Television Standards and DTV/HDTV" Create a chart which lists the various television broadcast standards and their features
Understand the United States broadcast standards and studio production standards	Read "United States DTV Standards" and "Studio Production Standards" Which network will have the best broadcast quality during prime time?
Understand key terms	Record, define and update key terms in your computer database
Demonstrate an understanding of the key concepts in this unit	Complete the puzzle quiz and the interactive quiz
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #10 : Lenses: The Basics

GOAL: Students will be introduced to the attributes of the camera's lens, the impact of factors such as distance, speed and perspective changes, f-stops and creative focus techniques, filters and lens attachments, and other considerations such as coating on lens, condensation, shotboxes, etc.

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand how a lens works	Read "Lenses: The Basics: What types of lenses do we have? What adjustments can we make?"
Understand supplementary lenses	Read "Supplementary Lenses" Determine what supplementary lenses each of the different types of cameras we have have
Understand key terms	Record, define and update key terms in your computer database
Understand the impact of such factors as distance, speed and perspective changes	Read "Lenses: Distance, Speed and Perspective Changes" Using one of the cameras, capture examples of each of these factors Present your shots to the class
Understand the impact of f-stops and other creative focus techniques	Read "f-stops and Creative Focus Techniques" Deselect auto focus on a camera and experiment with the various f-stops Create an example of "creative" focus techniques and share it with the class What types of f-stops should we be using? What are some effective camera techniques we should try?
Demonstrate an understanding of the key concepts in this unit	Complete the puzzle quiz and the interactive quiz
Understand filters and lens attachments	Read "Filters and Lens Attachments" Try to create some of the special effects by creating a filter or lens attachment Show your piece to the class What types of effects should we be using to improve our show?
Understand some additional factors in using cameras	Read "Lenses: Some Final Elements" What should we be concerned about for our cameras?
Update your portfolio	Complete a Summary Portfolio Sheet for each activity

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #11 : Color and Video Quality

GOAL: Students will be introduced to the concept of color and how to improve video quality

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand the principles of television color	Read "Principles of Television Color" What is the importance of a white balance check?
Demonstrate an understanding of the key concepts in this unit	Complete the puzzle quiz
Understand how to maintain video quality	Read "Maintaining Video Quality Part I and Part II" Describe how a waveform monitor works? What is its importance to video production? Describe how a vector scope works? What is its importance to video production?
Understand key terms	Record, define and update key terms in your computer database
Demonstrate an understanding of the key concepts in this unit	Complete the puzzle quiz
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #12 : The Camera

GOAL: Students will be introduced to the camera and its associated equipment

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand camera imaging devices, video resolution and how to determine resolution	Read "Cameras: The Basics - Part I and Part II" Explain why we should still use high-resolution cameras even though most TV monitors are not capable of that type of resolution Explain the impact of gain on video quality What types of devices improve the quality of the video image?
Understand the color balancing	Read "Color Balancing Cameras" What techniques should we use to produce the best color in our videos?
Understand the impact of shutter speeds	Read "Creative Control Using Shutter Speeds" What can we do to control the speed of the shutters on our cameras? What is the impact on our video if we adjust the shutter speed? Experiment with shutter speed and create a short video that demonstrates fast shutter speed vs. slower shutter speed
Understand the camera viewfinder	Read "The Cameras Viewfinder" What information does the viewfinder give us about our video? How can we use this information to improve the quality of our video?
Understand key terms	Record, define and update key terms in your computer database
Demonstrate an understanding of the key concepts in this unit	Complete the puzzle quiz and the interactive quiz
Update your portfolio	Complete a Summary Portfolio Sheet for each activity
Meet with your mentor/coach	Review your portfolio with your mentor/coach

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UNIT #13 : Equipment in the DB-TV Studio

GOAL: Students will be introduced to the different types of equipment in the studio and how each device functions

OBJECTIVES	SUGGESTED ACTIVITIES
The student will:	
Understand the different types of equipment in the studio	Read the instruction manuals for each piece of equipment Teach a partner how to use one piece of equipment each week until each student has had experience on all the equipment
Understand key terms	Record, define and update key terms in your computer database
Demonstrate an understanding of the key concepts in this unit	Complete a week as the key person on that piece of equipment
Update your portfolio	Add the scoring rubric for each piece of equipment each week
Meet with your mentor/coach	Review your portfolio with your mentor/coach