

COURSE SYLLABUS

ARTV 1372 (3:2:2)

Lighting Technology
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Video Production Technology Program

Creative Arts Department

Technical Education Division

Levelland Campus

SOUTH PLAINS COLLEGE

## COURSE SYLLABUS

COURSE TITLE: ARTV 1372.001 - Lighting Technology  
COURSE MEETS: Monday/Wednesday 4:00 to 5:50 w/ Arranged Labs

	Lectures	Labs
INSTRUCTOR:	Greg Cook	Greg Cook
OFFICE:	CA113	
PHONE:	Work-(806) 716-2150	(806) 716-2150
	Home-(806) 470-2739	(806) 470-2739
E-MAIL:	gcook@southplainscollege.edu	gcook@southplainscollege.edu
OFFICE HOURS:	(Posted at CA 113, other times by appointment)	

### I. GENERAL COURSE INFORMATION

**A. Course Description:** A comprehensive study of lighting principles, equipment and usage in the performing arts industry. Emphasis is placed on lighting techniques, color concepts, electrical theory, and safety.

**B. Course Learning Outcomes:** The student will exhibit knowledge of three-point lighting, color theory, and lighting design as it is applied to various performing arts venues. The student will demonstrate the ability to identify and safely position lighting instruments, and program and operate computer-based lighting controllers.

**C. Course Competencies:** Upon successful completion of this course, each student will have demonstrated through written examinations, quizzes, and individual and group projects, a competent understanding of:

- The history of various venue lighting developments
- The theory and principles of electricity with emphasis on safety.
- The various lighting instruments and their proper usage.
- The operation of lighting control devices.
- The basic principles of three-point lighting and how it is used in various
- The operation and lighting principles used with articulated lighting.

**D. Academic Integrity:** As stated in the General Catalog - "As it is the aim of the faculty of South Plains College to foster a spirit of complete *honesty* and a high standard of *integrity*. The attempt of any student to present as his or her own work, which he or she has not *honestly* performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension.

Cheating: Dishonesty of any kind on examinations or written assignments, illegal possession of examinations, the use of unauthorized notes during the examination, obtaining information during an examination from a textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in an office are examples of cheating.

Complete honesty is required of the student in the presentation of any and all phases of course work. This applies to quizzes of whatever length as well to final examinations, to daily reports and to term papers.

Plagiarism: Offering the work of another as one's own, without proper acknowledgment, is plagiarism; therefore, and student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines and other reference works, or from themes, reports or other writings of a fellow student, is guilty of plagiarism.

**SCANS and Foundation Skills:** This course covers SCANS: Occupational Competencies C-1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, and 20. Foundation Skills F-1, 2, 3, 4, 5, 8, 9, 11, 12, 13, 14 and 17.

**E. Verification of Workplace Competencies:** This course is an in-depth study of lighting as it relates to the performing arts industry. Training received in this class can be transferred directly to the industry. Information learned in this course is expanded upon in the video production courses that follow.

## II. SPECIFIC COURSE/INSTRUCTOR REQUIREMENTS

**A. Textbook and Other Materials:** There are 8 specially prepared chapters for each area covered in this class. The text is available at the Book Store. Ask for the ARTV 1372 "Lighting Technology ". It is very important that students have read and studied the material before it is covered in class. Bring the text, blank paper and something to write with for taking notes and quizzes with students to every class meeting, as it is part of the student's grade.

**B. Attendance Policy:** Students are expected to attend all classes in order to be successful in a course. The student may be administratively withdrawn from the course when absences become excessive as defined in the course syllabus.

When an unavoidable reason for class absence arises, such as illness, an official trip authorized by the college or an official activity, the instructor may permit the student to make up work missed. It is the student's responsibility to complete work missed within a reasonable period of time as determined by the instructor. Students are officially enrolled in all courses for which they pay tuition and fees at the time of registration. Should a student, for any reason, delay in reporting to a class after official enrollment, absences will be attributed to the student from the first class meeting.

Students who enroll in a course but have "Never Attended" by the official census date, as reported by the faculty member, will be administratively dropped by the Office of Admissions and Records. A student who does not meet the attendance requirements of a class as stated in the course syllabus and does not officially withdraw from that course by the official census date of the semester, may be administratively withdrawn from that course and receive a grade of "X" or "F" as determined by the instructor. Instructors are responsible for clearly stating their administrative drop policy in the course syllabus, and it is the student's responsibility to be aware of that policy.

It is the student's responsibility to verify administrative drops for excessive absences through MySPC using his or her student online account. If it is determined that a student is awarded financial aid for a class or classes in which the student never attended or participated, the financial aid award will be adjusted in accordance with the classes in which the student did attend/participate and the student will owe any balance resulting from the adjustment.

The first two absences will not affect the student's grade, but each additional absence will result in a five point reduction from the student's final grade. If you have 6 absences, you may be dropped from the course. Any student not present at roll taking will be counted absent unless there was prior notification to the instructor. A student who comes into class within the first few minutes can request

that that the absence be changed to a tardy after the class is over. Being tardy three times will count as one absence.

Excused absence: An absence that has been discussed prior to the missed class, and arrangements have been made to make up the work; or, a student presents documentation as explanation of the absence. Making up an excused absence: It is at the instructor's discretion to allow a student to do additional work to make up an excused absence.

The lab is an intricate part of this class. If a student attends the class but misses the lab, the student will be marked absent for the whole class period.

The chairperson of the Creative Arts Department, Administration, or Counseling Department must approve, in writing, any deviation from the attendance policy.

**C. Assignment Policy:** Several projects will be assigned during the semester. Students must participate in the project during the assign class period. The students have to work the TNL, ATV, the "Fests" productions and other shows, which are assigned at the first of the semester.

**D. Grading Policy/Procedure and/or methods of evaluation:** There are seven areas that the students will be expected to be knowledgeable in. These are covered in chapters 1 through 7. At the beginning of each chapter, there is a listing of specific and measurable competencies. These competencies cover a set of knowledge that a prospective employer expects an employee to possess to obtain or maintain employment. **Video Production majors only must make a 'C' or better to advance.**

The competencies will be evaluated in three exams. Exams must be taken at the scheduled times. If students are unable to take the exam as scheduled, students will need to take the exam before the scheduled time. The exam cannot be taken after the scheduled time. Only one make-up exam will be allowed per student. It will be given on a scheduled day, during the regular class time.

There are several projects during the semester. They include "hands-on" operation of the equipment students will have covered.

The Tom T. Hall production studio provides students with unique opportunities to participate in the many shows produced each semester. During the student's class time, students are required to work as a lighting crewmember on the three "Thursday Nite Live", three "Alterna TV" productions and on the four evenings of "Fests" at the last of the semester. Students are also required to work as a lighting crewmember on any shows, which have been scheduled at the beginning of the semester.

Instructor evaluation of attendance, punctuality, preparedness, attitude, and participation in classroom activities, discussions, and participation in productions will also be considered in the student's final grade.

Grade Values		Grade Scale	
a) Exams	30	100 - 90 =	A
b) Final Exam	15	89 - 80 =	B
c) Crew Participation	25	79 - 70 =	C
d) Assignments	20	69 - 60 =	D (Non Majors Only)
e) Evaluation	<u>10</u>	59 - 0 =	F
f) TOTAL	100 %		

**E. General Control Room Information:** Absolutely, **NO** foods or drinks will be allowed in the control room at anytime without the permission of the instructor. Also, all electronic devices, including cell phones and computers will be turned off during classes and projects unless there was prior approval by the instructor. Any student that violates the above will receive a “0” for that day and be asked to leave with an absence.

- III. DIVERSITY STATEMENT:** In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.
- IV. DISABILITIES STATEMENT:** Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) & Lubbock Center 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.
- V. NON-DISCRIMINATION STATEMENT:** South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College -1401 College Avenue, Box 5, Levelland, TX 79336, 806-894-9611.
- VI. TITLE IX PREGNANCY ACCOMMODATIONS STATEMENT:** If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student’s responsibility to work with the instructor to arrange accommodations. Contact Chris Straface, Director of Health and Wellness at 806-716-2362 or email [cstraface@southplainscollege.edu](mailto:cstraface@southplainscollege.edu) for assistance.
- VII. CAMPUS CONCEALED CARRY:** Campus Concealed Carry - Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to the SPC policy at: ([http://www.southplainscollege.edu/human\\_resources/policy\\_procedure/hhc.php](http://www.southplainscollege.edu/human_resources/policy_procedure/hhc.php))

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

**VIII. FACE COVERING:** It is the policy of South Plains College for the Fall 2020 semester that as a condition of on-campus enrollment, all students are required to engage in safe behaviors to avoid the spread of COVID-19 in the SPC community. Such behaviors specifically include the requirement that all students properly wear CDC-compliant face coverings while in SPC buildings including in classrooms, labs, hallways, and restrooms. Failure to comply with this policy may result in dismissal from the current class session. If the student refuses to leave the classroom or lab after being dismissed, the student may be referred to the Dean of Students on the Levelland campus or the Dean/Director of external centers for Student Code of Conduct Violation.

## SCANS COMPETENCIES

- C-1 **TIME**--Selects goal--relevant activities, ranks them, allocates time, and prepares and follows schedules.
- C-2 **MONEY**--Uses or prepares budgets, makes forecasts, keeps records, and makes adjustments to meet objectives
- C-3 **MATERIALS & FACILITIES**--Acquires, stores, allocates, and uses materials or space efficiently.
- C-4 **HUMAN RESOURCES**--Assesses skills and distributes work accordingly, evaluates performances and provides feedback.

### **INFORMATION--Acquires and Uses Information**

- C-5 Acquires and evaluates information.
- C-6 Organizes and maintains information.
- C-7 Interprets and communicates information.
- C-8 Uses computers to Process information.

### **INTERPERSONAL--Works With Others**

- C-9 Participates as members of a team and contributes to group effort.
- C-10 Teaches others new skills.
- C-11 Serves clients/customers--works to satisfy customer's expectations.
- C-12 Exercises leadership--communicates ideas to justify position, persuades and convinces others, responsibly challenges existing procedures and policies.
- C-13 Negotiates--Works toward agreements involving exchanges of resources resolves divergent interests.
- C-14 Works with Diversity--Works well with men and women from diverse backgrounds.

### **SYSTEMS--Understands Complex Interrelationships**

- C-15 Understands Systems--Knows how social, organizational, and technological systems work and operates effectively with them
- C-16 Monitors and Correct Performance--Distinguishes trends, predicts impacts on system operations, diagnoses systems' performance and corrects malfunctions.
- C-17 Improves or Designs Systems--Suggests modifications to existing systems and develops new or alternative systems to improve performance.

### **TECHNOLOGY--Works with a variety of technologies**

- C-18 Selects Technology--Chooses procedures, tools, or equipment including computers and related technologies.
- C-19 Applies Technology to Task--Understands overall intent and proper procedures for setup and operation of equipment.
- C-20 Maintains and Troubleshoots Equipment--Prevents, identifies, or solves problems with equipment, including computers and other technologies.

## FOUNDATION SKILLS

### **BASIC SKILLS--Reads, writes, performs arithmetic and mathematical operations, listens and speaks**

- F-1 Reading--locates, understands, and interprets written information in prose and in documents such as manuals, graphs, and schedules.
- F-2 Writing--Communicates thoughts, ideas, information and messages in writing, and creates documents such as letters, directions, manuals, reports, graphs, and flow charts.
- F-3 Arithmetic--Performs basic computations; uses basic numerical concepts such as whole numbers, etc.
- F-4 Mathematics--Approaches practical problems by choosing appropriately from a variety of mathematical techniques.
- F-5 Listening--Receives, attends to, interprets, and responds to verbal messages and other cues.
- F-6 Speaking--Organizes ideas and communicates orally.

### **THINKING SKILLS--Thinks creatively, makes decisions, solves problems, visualizes, and knows how to learn and reason**

- F-7 Creative Thinking--Generates new ideas.
- F-8 Decision-Making--Specifies goals and constraints, generates alternatives, considers risks, and evaluates and chooses best alternative.
- F-9 Problem Solving--Recognizes problems and devises and implements plan of action.
- F-10 Seeing Things in the Mind's Eye--Organizes and processes symbols, pictures, graphs, objects, and other information.
- F-11 Knowing How to Learn--Uses efficient learning techniques to acquire and apply new knowledge and skills.
- F-12 Reasoning--Discovers a rule or principle underlying the relationship between two or more objects and applies it when solving a problem.

### **PERSONAL QUALITIES--Displays responsibility, self-esteem, sociability, self-management, integrity and honesty**

- F-13 Responsibility--Exerts a high level of effort and preservers towards goal attainment.
- F-14 Self-Esteem--Believes in own self-worth and maintains a positive view of self.
- F-15 Sociability--Demonstrates understanding, friendliness, adaptability, empathy, and politeness in group settings.
- F-16 Self-Management--Assesses self accurately, sets personal goals, monitors progress, and exhibits self-control.
- F-17 Integrity/Honesty--Chooses ethical courses of action.

**COURSE OUTLINE ARTV 1372 – LIGHTING TECHNOLOGY**

DATE		CHAPTER	ASSIGNMENT
August	24		Information
	26		Lab
	31	1	History
September	2		Group Lab - Hog 1000 Seminar - 2 Hours
	7		<i>(Labor Day Holiday)</i>
	8	PM Show	<b>Faculty Mixer–Tuesday-5:30P</b>
	9		Lab
	14	2 & 3	Light Sources & Instruments
	16		Lab
	21		Exam #1
	22	Rehearsal	<b>Top Rock–Tuesday-4:00P–Crew Only</b>
	23		Lab
	24	PM Show	<b>Top Rock–Thursday-7:00P</b>
	28	4	Three Point Lighting
	30		Lab
October	5	5	Color
	6	Rehearsal	<b>Thursday Nite Live–Tuesday-4:00P-Crew Only</b>
	7		Lab
	8	PM Show	<b>Thursday Nite Live–Thursday-7:00P</b>
	12		Exam #2
	14		Lab
	19		NO CLASS – Expo Setup
	21		Lab
	22	PM Show	<b>Western Swing–Thursday-7:00P</b>
	26	6	Light Plot/ Concert Lighting
	28		Lab
November	2	7	Studio & Location Lighting
	4		Lab
	5	PM Show	<b>Ensemble TBA–Thursday-7:00P</b>
	9		Exam #3
	11		Lab
	12	PM Show	<b>Miss Caprock Pageant-Thursday–6:15P</b>
	16		Make-up Exam Day
	18		Lab
	23		Class
	25		<i>(Thanksgiving)</i>
	30	PM Show	<b>Country Fest–Monday-4:30P</b>
December	1	PM Show	<b>Rock Fest–Tuesday-4:30P</b>
	2	PM Show	<b>Groove Fest-Wednesday-4:30P</b>
	3	PM Show	<b>Thursday Showcase–Thursday-5:30P</b>

\* This course outline is subject to change.

# **ATTENTION VPT STUDENTS**

**NOTIFY YOUR BOSS, MOM, ROOMMATE, PRIEST OR ANYONE ELSE WHO SHOULD KNOW IN ADVANCE THAT YOU WILL BE BUSY THESE DATES:**

## **MAJOR PERFORMANCE DATES THIS SEMESTER THE TIMES LISTED ARE 30 MINUTES BEFORE SHOWTIME**

TUE	SEP.	8	Faculty Mixer	5:30P
THU	SEP.	24	Top Rock	7:00P
THU	OCT.	8	TNL	7:00P
THU	NOV.	25	Western Swing	7:00P
FRI	NOV.	12	Miss Caprock	6:15P
THU	NOV.	19	TBA	7:00P
MON	NOV.	30	Country Fest	4:30P
TUE	DEC.	1	Rock Fest	4:30P
WED	DEC.	2	Groove Fest	4:30P
THU	DEC.	3	Thursday Night Showcase	5:30P

**COURSE OUTLINE ARTV 1372 – LIGHTING TECHNOLOGY**

DATE		CHAPTER	ASSIGNMENT
August	24		Information
	26		Lab
	31	1	History
September	2		Group Lab - Hog 1000 Seminar - 2 Hours
	7		<i>(Labor Day Holiday)</i>
	9		Lab
	14	2 & 3	Light Sources & Instruments
	15	PM Show	<b>Faculty Mixer–Tuesday-5:30P</b>
	16		Lab
	21		Exam #1
	23		Lab
	28	4	Three Point Lighting
	29	Rehearsal	<b>Top Rock–Tuesday-4:00P–Crew Only</b>
	30		Lab
October	1	PM Show	<b>Top Rock–Thursday-7:00P</b>
	5	5	Color
	7		Lab
	12		Exam #2
	13	Rehearsal	<b>Thursday Nite Live–Tuesday-4:00P-Crew Only</b>
	14		Lab
	15	PM Show	<b>Thursday Nite Live–Thursday-7:00P</b>
	19		NO CLASS – Expo Setup
	21		Lab
	26	6	Light Plot/ Concert Lighting
	28		Lab
	29	PM Show	<b>Western Swing–Thursday-7:00P</b>
November	2	7	Studio & Location Lighting
	4		Lab
	5	PM Show	<b>Ensemble TBA–Thursday-7:00P</b>
	9		Exam #3
	11		Lab
	12	PM Show	<b>Miss Caprock Pageant-Thursday–6:15P</b>
	16	PM Show	<b>Country Fest–Monday-4:30P</b>
	17	PM Show	<b>Rock Fest–Tuesday-4:30P</b>
	18	PM Show	<b>Groove Fest-Wednesday-4:30P</b>
	19	PM Show	<b>Thursday Showcase–Thursday-5:30P</b>
	23		Makeup Exam
	25		<i>(Thanksgiving)</i>
	30		Lab
December	2		Lab

\* This course outline is subject to change.

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**MAJOR PERFORMANCE DATES THIS SEMESTER  
THE TIMES LISTED ARE 30 MINUTES BEFORE SHOWTIME**

TUE	SEP. 15	Faculty Mixer	5:30P
THU	OCT. 1	Top Rock	7:00P
THU	OCT. 15	TNL	7:00P
THU	OCT. 29	Western Swing	7:00P
THU	NOV. 5	TBA	7:00P
FRI	NOV. 12	Miss Caprock	6:15P
MON	NOV. 16	Country Fest	4:30P
TUE	NOV. 17	Rock Fest	4:30P
WED	NOV. 18	Groove Fest	4:30P
THU	NOV. 19	Thursday Night Showcase	5:30P