

COURSE SYLLABUS

ARTV 1372 (3:2:2)

Lighting Technology

Video Production Technology Program

Creative Arts Department

Technical Education Division

Levelland Campus

SOUTH PLAINS COLLEGE

## COURSE SYLLABUS

COURSE TITLE: ARTV 1372 - Lighting Technology

COURSE MEETS: 4:00 to 4:50 + 1 Hour Individual Class per Week w/ Arranged PM Labs

INSTRUCTOR: Tom Stalcup

OFFICE LOCATION: CB 113

PHONE/E-MAIL: Office - (806) 894-9611 Ext 2275  
Home – (806) 795-9696  
E-Mail – tstalcup@spc.cc.tx.us

OFFICE HOURS: (Posted at CB 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 a 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 devises.
- The basic principles of three-point lighting and how it is used in various performing venues.
- 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.

**E. 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, 20. Foundation Skills F-1, 2, 3, 4, 5, 8, 9, 11, 12, 13, 14, 17.

**F. 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 11 especially prepared chapters for each area covered in this class. Chapter 1 will be given to you today. The other chapters are available at the Book Store. Ask for the ARTV 1372 "Lighting Technology ". The text are pages in a ring binder and you are to read the assigned material before coming to class. Please bring the ring binder with you to every class meeting. It is very important that you have read and studied the material before it is covered in class. Also bring blank paper and something to write with for taking notes and quizzes.

**B. Attendance Policy:** Punctual and regular class attendance is required for all students attending South Plains College. Roll will be checked when the class begins. The attendance policy as stated in the college catalog will be enforced: "Whenever absences become excessive and, in the instructor's opinion, minimum course objectives cannot be met due to absences, the student should be administratively withdrawn from the course. In addition, an instructor is required to initiate a student's excessive absence report when the student has missed every class during any 14 consecutive calendar-days period excluding holidays." (See Page 21 in the General Catalog). This is two consecutive classes. The first two absences will not affect your grade, but each additional will result in a five point grade reduction from your final grade. Being tardy three times will count as one absence.

**C. Assignment Policy:** Several projects will be assigned during the semester. Students must participate in the project during the assign class period. You have to work the "Thursday Nite Live" shows, Alterna TV shows, 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 eleven areas you will be expected to be knowledgeable in. These are covered in chapters 1 through 11. 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.

The competencies will be evaluated in three exams. Exams must be taken at the scheduled times. If you are unable to take the exam as scheduled, you will need to take the exam before the scheduled time or with another class. The exam cannot be taken after the scheduled time. Only one make-up exam will be allowed per student. It will be given the last week of classes during the scheduled class time.

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

The Tom T. Hall production studio provides you with unique opportunities to participate in the many shows produced each semester. During your class time, you 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. You 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 your final grade.

Grade Values		Grade Scale	
a) Exam #1	15	100 - 90 =	A
b) Exam #2	15	89 - 80 =	B
c) Exam #3	15	79 - 70 =	C
d) Crew Participation	25	69 - 60 =	D
e) Assignments	20	59 - 0 =	F
f) Evaluation	<u>10</u>		
g) TOTAL	100 %		

**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. ACCOMMODATIONS:** Students with disabilities, including but not limited to physical, psychiatric or learning disabilities, who wish to request accommodations in the class should notify the Special 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 Special Services Coordinator. For more information, call or visit the Special Services Office in the Student Services Building, 894-9611, ext. 2529.

## 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.