



The Art Institute of OhioSM - Cincinnati

One of The Art Institutes, America's Leader in Creative Education

Course Syllabus

COURSE TITLE: Fundamentals of Lighting	TERM & YEAR: Fall 2008
COURSE NUMBER & SECTION: DMP 230	TIME & PLACE: Saturdays 9am – 4pm TV Studio 116 & lab 126
INSTRUCTOR: Norbert Thomas	Advising LOCATION: TV Studio / Lab 126
Advising HOURS: Saturdays 12noon – 1pm	OFFICE PHONE / EMAIL: 513-362-9225 professort4u@yahoo.com
NUMBER OF QTR HOURS (lecture, lab, total): 22 lecture, 44 lab, 66 total	

Course Description:

Introduction to lighting as a technical and creative photographic tool. Students will develop their ability to recognize and evaluate principles of lighting design and placement to achieve narrative photographic visual effects. Emphasis is placed on light as a storytelling device.

Prerequisites: Digital Cinematography

Course Competencies:

Storytelling through lighting. Study and use of industry terminology. Improve operating skills. Identify and apply contrast ratios, color temperatures, quality and direction of light. LumaKeying. Use of incident, reflective and color temperature meter. Develop scouting techniques to evaluate and project production needs. Break down a screenplay for aesthetic mapping.
Methods of Instruction: Lab & Lecture

Attendance/Deadlines and Academic Honesty:

The Art Institute of Ohio-Cincinnati is required by Federal, State and Accreditation regulation to maintain and enforce an attendance policy. Participation in classroom activities is vital to a student's successful completion of each course and is an important facet of each student's professional development. The student is expected to attend all classes as scheduled, to be on time and to remain in the classes for their full duration. It is recognized that a student may be absent from class due to a serious illness or family emergency. There are no excused absences. 32% absenteeism in a course may result in attendance failure in that class.

Attendance/Deadlines:

If a student should miss a class or is tardy, it is the student's responsibility to obtain any handouts or lecture materials from the instructor **before or after class**. Lecture notes must be obtained from another classmate and not the instructor. The student must arrange (after class) to meet with the instructor outside of class time if they need help due to missing class. Class time is strictly reserved for scheduled lectures, desk critiques and for helping students who are on time and attend class regularly.

Academic Honesty:

All students who copy or otherwise plagiarize the work of another or who otherwise displays conduct detrimental to their own academic progress are subject to disciplinary action. All complaints against students regarding violations of the Academic Honesty Policy should be submitted to the Dean of Academic Affairs in writing.

- o Cheating is the act of obtaining or attempting to obtain credit for work by the use of dishonest, deceptive, or fraudulent means.
- o Plagiarism is the act of taking ideas, words or specific substance of another and offering them as one’s own.

Academic Grading

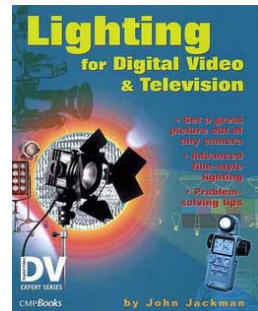
<i>Grade per Credit Hour</i>	<i>Quality Points</i>
A.....	4.0
A-.....	3.7
B+.....	3.4
B.....	3.0
B-.....	2.7
C+.....	2.4
C.....	2.0
C-.....	1.7
D+.....	1.4
D.....	1.0
F.....	0.0

Methods of assessment:

Attendance/Participation	20%
Exercises/Assignments	60% (20% + 20% +20%)
Quizzes/Midterm /Final Exam	20%

Textbooks:

Lighting for Digital Video and Television Author: John Jackman /CMP Books Second Edition



Materials: 2 Sony Mini DV tapes, a pair of well insulated gloves

Classroom Rules:

1. Arrive on time and prepared.
2. For studio safety and sanity it is essential that all students be respectful of common tools, materials, and work space as well as other student’s art work.
3. As a student of AiOH-C you are a professional. Please make sure this is represented in your attire. You will be required to dress appropriately on final critique days.
4. Late work is not accepted. If prior notice is given you may receive partial credit.
5. No food or drinks are allowed in the classroom.
6. Cell phones are a distraction. Please keep all phones on vibrate for the duration of the class.
7. Desktop computers are for coursework ONLY and are for note taking purposes only during lecture and for assignments/projects during lab time.

Students with Disabilities

The Art Institute of Ohio - Cincinnati has a special needs coordinator, Jerry Nuesell, who organizes services for qualified students requiring reasonable accommodation. Notifying the Art Institute of Ohio - Cincinnati

that you have a disability or special needs is optional and confidential. However, in order for the school to accommodate your needs, we need advance notice of the service that you require. For more information please contact Jerry Nuesell at 513-833-2391.

Add/Drop Period

Any course that is added or dropped from the student's schedule must be processed by the Registrar's Office prior to the end of the designated add/drop period. After add/drop a student is charged for all classes for which he/she is registered. The add/drop period is printed on the back of the student's schedule. The add/drop period is the first Monday through the Monday of week two of each quarter.

Weekly Outline (Mondays & Wednesdays)

Week 1

*Topic: Course Introduction,
Why is lighting important for Television and Video?
Human Vision, the Camera, and Exposure
Cyber College / Media College*

Week 2

*Topic: Volts, Amps, and Watts.
Lighting Instruments
View some televised examples.
Cyber College / Media College*

Week 3

*Topic: Lighting controls and uses.
Basic lighting techniques
Class exercise (making reflectors, diffusers, gels, cookies, cameo lighting,)
Cyber College / Media College*

Week 4

*Topic: Interview Set-ups.
Solving Common Problems
Class exercise: 3 point lighting @ 3 sources, 3 point lighting @ 2 sources, making soft boxes
Cyber College / Media College*

Week 5

*Topic: Midterm Review of Text and class work.
Studio Lighting
Quiz #1 (Chaps 1, 2, 3, 4, 5, and 6)
Class exercise: Lighting for news, green screen, high key lighting, set lighting.*

Week 6

*Topic: Midterm Exam
Class exercise: Produce a scene from a Movie lit with one over head light like a poker table.
Assign the requirements for final practical*

Week 7

Topic: Essay, Low Budget Lighting & Studio lighting

Class exercise: Mood lighting with candles or moon light of with people in the background

Week 8

Topic: Essay. Specialized Lighting, Advanced lighting Setups

Class exercise: Light a Talk Show set with 5 people (1 host and 4 guests, mixed complexion)

Week 9

Imagination and Invention

Cyber College / Media College

Quiz #2 (Chaps 6, 7, 8, 9, 10)

Class exercise: Outdoor interviews with mixed lighting. Reporter stand up in open with mixed lighting.

Week 10

Topic: Essays Due,

Class exercise: TBA

Week 11

Topic: Final Projects Due,

FINAL EXAM written and practical. Select 3 of the following scenes to light and shoot.

1. PSA in cameo
2. Interview in living room
3. News anchor in studio reading from cam 1 on a WS and 2 on a MCU;
4. Lovers in mood lighting (either candle light around table or moon light in outdoors)
5. Office interview by window in early afternoon with window partly in shot.
6. 3 point lighting of field reporter doing stand up with Sunlight and 1 portable light source.

Class projects:

1. Candle lit scene for either suspense or romantic (:60)
2. Gang meeting around a round table lit with only a single overhead lamp (2 minutes)
3. On camera entertainment interview with ET using the green screen (3 minutes)
4. News anchor at desk reading stories from 2 teleprompter and interviewing a guest. (3 stories @ 15 each)
5. Office interview by the window on a sunny day with mixed lighting (5 minutes)
6. Product shot in studio for advertising company (:60)
7. PSA in cameo lighting in studio (:60)
8. Interview in living room of home with soft flattering lighting and props in background. (5 minutes)

This syllabus is subject to change. You will be provided with a handout detailing any changes. You will receive handouts detailing labs/projects at the time of assignment.

STUDENT CONTRACT

COURSE SYLLABUS RECEIPT

COURSE TITLE: **Fundamentals of Lighting**

COURSE NUMBER: **DMP 230**

QUARTER/YEAR: **Fall 2008**

INSTRUCTOR: **Norbert Thomas**

I acknowledge, with my signature at the bottom of this page, that I have received and read the course syllabus for **DMP 230**. I further acknowledge that I fully understand all of its contents and I agree with all the procedures, goals, and expectations set forth for this class. I will abide by these procedures and this contract will signify my compliance with all said policies contained in this syllabus. If there are any problems I will immediately contact my instructor to discuss them.

I also agree it is my responsibility to contact my instructor if I am having problems or will be absent from a class to see what I missed. I can do this via e-mail or cell phone and understand that my instructor may also contact me at the e-mail and cell phone I have listed below. I give my instructor full permission to do so if he/she feels compelled. I understand that if I do not show up for several days, it is within the instructor's discretion to contact me and/or my advisor.

Students:

Please return this page with your signature to indicate that you have received and read this syllabus and are in accordance with the above agreement. Also, please indicate the best methods of contacting you with phone numbers or e-mails (both are preferred).

Thank you.

_____ Date

_____ Student name (print)

_____ Student signature

_____ Student phone (cell & home)

_____ Student e-mail