Lighting I PHO-1240 100 & 300

Instructor:

Room

Email:

Phone:

Office hrs:


Disclaimer: Textbooks frequently change editions, so please be sure to check with the school bookstore to verify the current ISBN of textbook before purchasing the textbook

Course Description:

Prerequisites: PHO-1110 with a grade of “C” or higher

PHO-1240: Lighting I (U), (N)
An introductory lighting course. Topics include lighting with professional studio equipment, student’s battery powered strobes, the use of light meters, stands, and umbrellas both on location and in the studio. A removable flash is required.
Semester Availability: Fall, Spring

Course Requirements:
Attendance, required reading, class participation, completion of projects, and class presentation of projects.

Course Outcomes:

PHO-1240: Lighting I (U), (N)
Upon successful completion of this course, students should be able to:
• Recognize the components of different styles of lighting
• Describe and operate studio lighting equipment.
• Explain how hand held light meters work.
• Set up and execute a portrait photo shoot.
• Develop a basic competency in the use of reflectors and diffusers to modify existing light

The following lists of competencies is intended to reinforce the outcomes listed above
• Without notes or other materials be able to list the f-stops from f-1 to f-256 in the tenths scale.
• Without notes or other materials be able to identify and list f-stops from f-4 through f-32 in the linear scale and apply the information to a 35 mm camera.
• Without notes or other materials be able to list the shutter speeds in full stops from one second up to 1/4,000th of a second.
• Given a lighting diagram, be able to prepare a professional headshot in a studio and apply professional lighting techniques to the subject.
• Without notes or other materials be able to identify and apply 45, 90, and 135 degree lighting to a subject.
• Given specific lighting terms be able to analyze Rembrandt, Split Light, Rim light and translate those terms into mathematical degrees.
• Without notes or other materials be able to prepare light stands, backgrounds, and meter readings and plan the capture of professional photographic images.
• Without notes or other materials be able to identify the readings on a hand held light meter and translate the reading to a 35mm camera.
• Without notes or other materials be able to distinguish the difference between light modifiers, and apply the correct modifier to the subject.
• Given specific f-stops be able to convert the numbers into a mathematical ratio.
• Given a specific contrast lighting ratio, be able to apply the lighting ratio to a given subject.
• Given a specific set of f-stops, be able to recognize the lighting ratio and prepare studio lights with the correct ratio.
• Without notes or other materials be able to prepare a location set with reflectors and diffusers to modify the existing lighting conditions.
• Given an ambient light meter reading, and applying contrast ratios, prepare the on camera flash to create a fill light situation.
• Without notes or other materials be able to measure the light from an on camera flash with a hand held light meter and apply the settings to a 35 mm camera.
• Given a specific subject be, able to research and acquire the information on the Web and prepare an oral report to be given in class.
• Given a specific lighting assignment, be able to divide up in groups, apply lecture techniques to the subject, analyze the angle of light, and then record the results correctly on film.
• Given an in class lecture, be able to take notes by hand, translate notes into typed form, and place typed notes in the correct section for the exercise.

Course Assessments:
The following performance assessments will be used to demonstrate students’ understanding, knowledge and skills:
Tests, critiques, participation, creativity, and quality of work.

Grades will be based on the following formula:
• Exams…………………………..1/3
• Exercise Notebook…………2/3
The notebook will be a collection of the exercises you complete during class. Each exercise will be assigned a point value, for a total of 100. The notebook will be required to have a minimum of 100 points worth of exercises.

Grading:
A: 93 – 100
B: 85 – 92
C: 77 – 84
D: 70 - 76
F: Below 70
Grading Rubric:

A. Excellent, above-average work. Student successfully achieves course outcomes and competencies. Assignments exceed requirements, and are turned in on time. Perfect attendance and active participation.

B. Above-average work. Achieves course outcomes and competencies. Assignments meet or exceeds requirements and are turned in on time. Excellent attendance and participation.

C. Average work. Achieves most course outcomes and competencies. Assignments meet requirements or and are turned in on time or no more than one week late. Good attendance and participation.

F. Failure to meet course outcomes and competencies. Failure to complete assignments as required. Poor attendance and participation.

Late Work Policy: Quiz grades, weekly assignments and in class, assignments cannot be made up if you are absent or late to class. A day for reshoots will be made available during the middle of the semester. Exams cannot be made up unless arrangements are made prior to the exam.

Communication: It is the student’s responsibility to check NSONLINE and MyNSCC email on a regular basis.

Conduct
1. Nashville State has a zero tolerance policy for disruptive conduct in the classroom.

Conduct policy:
The instructor has primary responsibility for control over classroom behavior and maintenance of academic integrity. He/she can order temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conducts which violates the general rules and regulations of the College.

Disruptive behavior in the classroom may be defined as, but is not limited to, behavior that obstructs or disrupts the learning environment (e.g., offensive language, harassment of students and professors, repeated outbursts from a student which disrupt the flow of instruction or prevent concentration on the subject taught, failure to cooperate in maintaining classroom decorum, etc.), the continued use of any electronic or other noise or light emitting device which disturbs others (e.g., disturbing noises from beepers, cell phones, palm pilots, lap-top computers, games, etc.)

Procedures for Disruptive Behavior
If a student disrupts classroom activities, the instructor should:
1. Ask the student to leave the classroom and meet with the instructor after class to discuss the incident. If the incident is resolved the instructor should make a report with the Dean of Students concerning the incident and how the matter was resolved.
2. Should the student refuse to leave, the Office of Security should be called to remove the student from the classroom.

3. After class, the instructor should send a report to the Dean of Students concerning the
incident with a recommendation of desired outcome.
4. Prior to the next class meeting, the student must meet with the Dean of Students. The student may not attend class until the disruptive incident has been resolved by the student, instructor and Dean of Students.
5. The student and instructor will receive written copies of any disciplinary sanctions imposed.
6. If a student denies guilt, he/she will be advised of the opportunity to elect the procedure they wish to pursue toward the disposition of proposed action against them.

2. Last year the College experienced numerous cases of plagiarism. If you require research papers in your classes please note the plagiarism policy.

**Plagiarism policy**
Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic dishonesty, either directly or indirectly through participation or assistance are immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions that may be imposed through the regular institutional procedures as a result of academic misconduct, the instructor has the authority to assign an "F" or "zero" for the exercise or examination or to assign an "F" for the course.

**Academic Dishonesty**
Any form of academic dishonesty, cheating, plagiarizing, or other academic misconduct is prohibited. “Plagiarism may result from: (1) failing to cite quotations and borrowed ideas, (2) failing to enclose borrowed language in quotation marks, and (3) failing to put summaries and paraphrases in your own words” (A Writer’s Reference 331). Academic dishonesty may be defined as, but is not limited to, intentionally trying to deceive by claiming credit for the work of another person, using information from a web page or source without citing the reference, fraudulently using someone else’s work on an exam, paper, or assignment, recycling your own work from another course, purchasing papers or materials from another source and presenting them as your own, attempting to obtain exams/materials/assignments in advance of the date of administration by the instructor, impersonating someone else in a testing situation, providing confidential test information to someone else, submitting the same assignment in two different classes without requesting both instructor’s permission, allowing someone else to copy or use your work, using someone else’s work to complete your own, altering documents, transcripts or grades, and forging a faculty/staff member’s signature.

**Attendance:**
- **Attendance is mandatory.** 2- consecutive absences without contacting the instructor will result in notification to the Academic Early Alert Roster. 3-Missed classes will lower final grade by one letter grade, even if the instructor has been contacted. 4- Absences will result in a ‘FA’ even if the instructor has been contacted.

**Tardy Policy:** Missing at least 1 hour of class (at beginning or end of class) will be considered an absence.

**The following will be considered an absence:** Arriving more than 10 minutes late twice. Leaving early before studio clean up.

**Student Communication Channels**
It is the student’s responsibility to check D2L and MyNSCC email on a regular basis. These are the official communication channels between the college and students. Students are responsible for the information communicated through those channels. D2L contains specific course information and MyNSCC contains information important for other purposes.
Test Policy:
Tests must be taken as scheduled. No makeup tests will be given. The value and content missed for the missed exam will be added to the final exam. No one is allowed to leave the classroom during the exam and return to the exam. If you must leave, please turn your exam in to your instructor before leaving. You will not be allowed to complete the exam. Anyone leaving during an exam without turning in the test will receive a grade of zero. Calculators may be used during the exams. No sharing of calculators, each student must provide their own.

ADA Compliance Statement
Nashville State complies with the Americans with Disabilities Act. If you wish to request any special accommodations for any courses in which you are enrolled, contact the Access Center at 615.353.3741 or 3721.

Harassment Policies: Sexual harassment and racial harassment have been held to constitute forms of discrimination prohibited by Title VI, Title VII of the Civil Rights Act of 1964, as amended and Title IX of the Educational Amendments of 1972. An institution or technology center may be held liable pursuant to Title VI or Title VII and/or lose federal funds pursuant to Title IX for failure to properly investigate and remedy claims of sexual or racial harassment. Generally, sexual harassment may be defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature. (see full policy for more detail)

Generally, racial harassment is defined as any person's conduct, which unreasonably interferes with an employee's or student's status or performance by creating an intimidating, hostile, or offensive working or educational environment. Harassment on the basis of race, color, or national origin, includes offensive or demeaning treatment of an individual, where such treatment is based typically on prejudiced stereotypes of a group to which that individual

Emergency Preparedness:
Different alarm signals will indicate various types of emergency or evacuation procedures.

The alarms will sound as follows:
1. In the event of a lock-down situation, there will be a constant blast from the alarm.
2. In the event of a safe-area situation (i.e., tornado), there will be an interrupted intermittent blast from the alarm.
3. In the event of an evacuation situation, both alarms will sound together.
4. The all-clear signal will be three 5-second blasts from the alarm.
5. In the event of a lock-down, lock the classroom and wait for the all-clear signal.
6. In the event of a safe-area situation, please see the maps posted in the classrooms for designated safe areas and proceed to these areas.
7. In the event of an evacuation, for C building, exit out the back or side doors to rear parking lot, for A building, exit doors leading to rear parking lot. Wait for the all-clear signal before returning to classroom.

Models:
When photographing models, please have a second set of prints made to provide the models if shooting negatives, a CD if shooting digital, 4 x 6 prints of the best slides if shooting transparencies. ID your images with a name and telephone number so they may contact you directly if they would like larger prints.
If they desire larger prints please, only charge the cost of having the larger prints made.
They have given us their time and effort.

“Without good models we cannot create quality photos”
Authenticity of the Work:
The process of photographing a model, models, or studio still life during a class does not truly reflect the students’ unique creative efforts, but is a collaborative effort of everyone involved in the class.

- Nashville State Community College for organizing the class
- Faculty member for selecting the location, or set and or situations photographed.
- Fellow photographers
- Models themselves

Every one provides input and suggestions, which contribute to the work made. If you wish to make images involving models, either for sale, exhibit, publication, or a personal portfolio, work that truly reflects your artistic and creative efforts,

We encourage you to:

- Make your own financial arrangements with the models
- Seek out your own locations
- Build your own sets
- Work independently outside of class.

Inclement Weather Policy
When classes are cancelled, an assignment will be posted in NS Online. Check your NS Online email for a message from your instructor regarding your online assignment requirements. Students are responsible for accessing and completing these assignments as directed.

In the event of an inclement weather event, check the Nashville State Web site home page at www.nscc.edu for announcements on campus closures. Campus closures will also be announced on local television stations (channels 2, 4, 5, and 17).

Even though classes may be cancelled, some areas, i.e. Testing Center, may be open. However, you should check before commuting to campus.

The Vice President for Academic Affairs and the Director of Security are responsible for cancellation decisions during an inclement weather event for the Nashville State main campus and the Southeast campus. Cookeville, Waverly, and Dickson Campus Directors will make class cancellation decisions based on conditions in their respective areas. Decisions about class cancellations are based on actual conditions, not forecasts. The perspective used for making decisions is that of the college as an employer, not as a K-12 institution. Students should use their own best judgment in determining whether to report to campus during inclement weather.

Photography Lighting Methods
Nothing is more important to photography than understanding the nature of light. By grasping its nuances in a controlled studio environment, you can better understand how it works in nature.

We cover three lighting methods in this course: natural light, hot lights, and strobes. You learn the inverse square law, lighting ratios, using flash meters, and the basics of portrait photography. Lighting demonstrations in the studio and on-location that use several lighting setups enable you to work with flat light, butterfly, split, silhouette and broad and short lighting. Tips for working with models and experimenting with various posing techniques are also covered.

Each lecture and demonstration is followed by a working session in the studio where you practice in small groups with instructor supervision.

Lectures, critiques, shooting assignments, and tests are incorporated to give you guidance and to increase your confidence when shooting in any location lighting situation.
Right to retain student work: The Visual Communications program reserves the right to retain certain selected examples of student work for teaching purposes, promotional purposes, and as a part of its permanent collection.

**NOTE:** This syllabus is meant simply as a guide and overview of the course. Some items are subject to change or may be revised at the instructor’s discretion. Each instructor will further clarify their criteria for grading, classroom procedures, attendance, exams and dates, etc. on his/her course syllabus.