

Tompkins Cortland Community College
Master Course Syllabus

Course Discipline and Number: ART 255

Year: 2024-2025

Course Title: Lighting Principles

Credit Hours: 3

I. Course Description:

This course introduces studio lighting as a tool to produce creative photographs in a studio environment, as well as on location. The course focuses on studio portraiture and still life. ART 255 fulfills the SUNY General Education The Arts Knowledge and Skills Area but does not fulfill a liberal arts requirement. Prerequisites: ART 212; prior completion or concurrent enrollment in ENGL100. 3 Cr. (2 Lec., 2 Lab.) Spring semester.

II. Additional Course Information:

1. <i>Lighting Principles</i> is a required course for the Photography A.S. degree program.
2. Students are required to work on assignments outside of class using the required photo editing and manipulation software for the course and the facilities.
3. Students will need to shoot photographs outdoors and outside of class time.
4. This course consists of at least 100 minutes of lecture and 100 minutes of lab work each week for the fifteen-week semester.
5. Students will need to purchase additional supplies for the course.

III. Student Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Create technically proficient digital photographs that demonstrate the effective use of studio lighting techniques and photographic composition.
2. Demonstrate an understanding of the application of studio lighting within various aspects of the photography field.
3. Critique and evaluate course assignments and the work of contemporary studio photographers using relevant terminology.

IV. Tompkins Cortland Institutional Learning Outcomes; Program Learning Outcomes; SUNY General Education Competencies and Knowledge and Skills Areas

Tompkins Cortland ILOs - N/A

Complete this section for “service” courses only (e.g., courses that are required of all students; courses that are not program specific but satisfy liberal arts requirements; or commonly used in multiple academic programs to meet non-program-specific requirements). Check only Institutional Learning Outcomes (ILOs) that are meaningfully developed and assessed in this course. For each ILO chosen, include the SLO to which it aligns.

Students will:

- ☐ Communicate effectively, in oral and written forms, taking into consideration audience and purpose.
- ☐ Apply principles and methods of scientific inquiry and quantitative reasoning appropriate to their discipline.
- ☐ Use information, critical thinking, and the creative process to solve problems and reach conclusions.
- ☐ Use technology appropriate to their discipline.
- ☐ Describe the ways in which social, economic, or environmental sustainability depends on their own and the collective contributions of a diversity of ideas and people.

Program Learning Outcomes

Complete this section for program-specific courses (e.g., those that share the same discipline code as the academic program or satisfy requirements in related programs). List the academic program(s) here and note which Student Learning Outcomes align to specific Programmatic Learning Outcomes. Please see the MCS Instructions for more details.

Specify the Academic Program: **Photography A.S.**

PLO 1: Employ the necessary technical skills to produce well-crafted art and photographic works.

SLO 1: Create technically proficient digital photographs that demonstrate the effective use of studio lighting techniques and photographic composition.

SUNY General Education Competencies- N/A

If this course assesses a SUNY GEN ED Competency, check all that apply and indicate which course outcome(s) address each checked item:

☐ CRITICAL THINKING & REASONING- Students will:

- a. clearly articulate an issue or problem;
- b. identify, analyze, and evaluate ideas, data, and arguments as they occur in their own or others' work; acknowledge limitations such as perspective and bias; and
- c. develop well-reasoned (logical) arguments to form judgments and/or draw conclusions.

☐ INFORMATION LITERACY - Students will:

- a. locate information effectively using tools appropriate to their need and discipline; evaluate information with an awareness of authority, validity, and bias; and demonstrate an understanding of the ethical dimensions of information use, creation, and dissemination.

☒ SUNY GENERAL EDUCATION KNOWLEDGE AND SKILLS AREA(s): **The Arts**

For courses that are approved to meet one (or more) of the ten SUNY General Education Knowledge and Skills Areas, indicate which area the course fulfills, and which outcome(s) are aligned with the SUNY outcomes for that area:

SUNY SLO: Students will demonstrate an understanding of at least one principal form of artistic expression and the creative process inherent therein.

Course SLO 1: Create technically proficient digital photographs that demonstrate the effective use of studio lighting techniques and photographic composition.

☐ This course does not address any of the above Tompkins Cortland ILOs, PLOs, or SUNY General Education Competencies or Knowledge and Skills Areas.

V. Essential Topics/Themes

1. Introduction to lighting principles
2. Lighting techniques for: <ul style="list-style-type: none">a. Portraitureb. Still lifec. Location lighting
3. Lighting techniques studied include: <ul style="list-style-type: none">a. Flash systemsb. Tungstenc. Studio Strobed. LEDe. On-location Kitsf. Speed Lightsg. Incident Metering Techniques
4. Direction, control, and modification of studio lighting
5. Advanced digital camera functions
6. Advanced digital capture, editing, and output
7. Artistic, commercial, and editorial uses of studio lighting in contemporary photography and historical context
8. Constructing meaning through portraiture and still life
9. RAW workflow
10. Advanced digital photo editing
11. Digital color printing
12. Presentation of prints
13. Critique and analyzing studio photography works
14. Context in photographic works
15. Craftsmanship
16. Photographic composition
17. Visual communication

VI. Methods of Assessment/Evaluation

Method	% Course Grade
1. Course Assignments including documentation of applying the creative process	50-70%
2. Exam/quizzes and/or written reflections	10-30%
3. Participation in critiques and discussion	10-30%

Texts – ☒ Required ☐ Recommended ☐ Used for more than one course (list courses)

	OER
1. Hunter, Fil, et al. <i>Light Science and Magic</i> . Routledge, 2021. (available as a free PDF download from the college library)	<input type="checkbox"/>

Editions listed are current as of date of syllabus. More recent editions may be used.

VIII. Bibliography of Supplemental Materials

1. <i>Digital Photography School</i> , https://digital-photography-school.com/ .
2. LaChapelle, David. <i>David LaChapelle</i> . Edited by Davide Faccioli, Photology, 2004.
3. Oglesbee, Brian, and Lesley Brill. <i>Aquatique</i> . Insight Editions, 2007.
4. Avedon, Richard. <i>Richard Avedon Photographs, 1946-2004</i> . Edited by Michael Juul Holm and Louisiana Museum of Modern Art, Louisiana Museum of Modern Art, 2007
5. Moody, Rick. <i>Twilight: Photographs by Gregory Crewdson</i> . Edited by White Cube (Gallery) and Gagosian Gallery (Los Angeles, Calif.), Harry N. Abrams, 2002.
6. Mark, Mary Ellen. <i>Prom</i> . J. Paul Getty Museum, 2012.
7. Sontag, Susan. <i>Women</i> . Random House, 1999.
8. Neubart, Jack. <i>Location Lighting Solutions: Expert Professional Techniques for Artistic and Commercial Success</i> . Amphoto Books, 2006.
9. Jussim, Estelle. <i>Stopping Time: The Photographs of Harold Edgerton</i> . Edited by Estelle Jussim and Gus Kayafas, H.N. Abrams, 1987

Editions listed are current as of date of syllabus. More recent editions may be used.

IX. Other Learning Resources

Audiovisual: Online professional training tutorials
Electronic: Online professional training tutorials
Other: None specified

Attendance Policy: To maintain good grades, regular attendance in class is necessary. Absence from class is considered a serious matter and absence never excuses a student from class work. It is the responsibility of all instructors to distribute reasonable attendance policies in writing during the first week of class. Students are required to comply with the attendance policy set by each of their instructors. Students are not penalized if they are unable to attend classes or participate in exams on particular days because of religious beliefs, in accordance with Chapter 161, Section 224-a of the Education Law of the State of New York. Students who plan to be absent from classroom activity for religious reasons should discuss the absence in advance with their instructors. See college catalog for more information.

Services for Students with Disabilities: It is the College's policy to provide, on an individual basis, appropriate academic adjustments for students with disabilities, which may affect their ability to fully participate in program or course activities or to meet course requirements. Students with disabilities should contact the Coordinator of Access and Equity Services, to discuss their particular need for academic adjustments. All course materials are available in alternate formats upon request.

Academic Integrity: Every student at Tompkins Cortland Community College is expected to act in an academically honest fashion in all aspects of their academic work: in writing papers and reports, in taking examinations, in performing laboratory experiments and reporting the results, in clinical and cooperative learning experiences, and in attending to paperwork such as registration forms.

Any written work submitted by a student must be their own. If the student uses the words or ideas of someone else, they must cite the source by such means as a footnote. Our guiding principle is that any honest evaluation of a student's performance must be based on that student's work. Any action taken by a student that would result in misrepresentation of someone else's work or actions as the student's own — such as cheating on a test, submitting for credit a paper written by another person, or forging an advisor's signature — is intellectually dishonest and deserving of censure.

Several degree programs offer student learning opportunities (such as internships, field work, and clinical experiences) outside the standard classroom setting. As part of the learning process, students must understand and engage in conduct that adheres to principles guiding employment within the professional workplace. These behaviors include, but are not limited to, academic integrity, accountability, reliability, respect, use of appropriate language and dress, civility, professional ethics, honesty, and trustworthiness. Disciplinary action may be initiated for inappropriate conduct occurring while participating in any course-related project or event.