

NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY

PHT 221 – STUDIO LIGHTING I (3 CR)

Course Description

Examines advanced lighting and camera techniques under controlled studio conditions. Includes view camera use, electronic flash, advanced lighting techniques, color temperature and filtration, and lighting ratios. Requires outside shooting. Part I of II. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

General Course Purpose

Introduces fundamental studio lighting techniques. Emphasis is on control of lighting to create a desired effect.

Course Prerequisites/Corequisites

Prerequisites: PHT 102

Course Objectives

Upon completing the course, the student will be able to:

- Set up and control continuous + strobe lighting equipment
- Meter lighting and control exposures
- Evaluate and modify lighting ratios
- Evaluate and control white balance
- Solve visual and aesthetic problems

Major Topics to be Included

- Continuous + strobe equipment handling
- Flash meters and tethered capture
- Reflectors, diffusers, and wireless remote controls
- Color management in camera and in post-production
- Historical and contemporary uses of studio lighting in applied and fine arts

Extra Topics

May be included per discretion of instructor.