

COURSE COM3040: PHOTOGRAPHY 3

Level: Advanced

Theme: Photography

Prerequisite: None

Description: Students apply various light sources, multiple lighting arrangements and metering techniques with an emphasis on flash and studio lighting.

Parameters: Access to cameras (film or digital), a darkroom, film or digital processing and printing equipment and access to a studio facility.

Supporting Course: COM2040 Photography 2

Curriculum and Assessment Standards

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none">• identify and describe different camera and film formats• use different camera and film formats• apply the theory and operation of light-metering devices and electronic flash devices in a photographic assignment• apply studio lighting techniques to a photographic assignment	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none">• a portfolio consisting of:<ul style="list-style-type: none">– at least five photographs processed, printed and mounted by the student and showing:<ul style="list-style-type: none">• application of studio lighting techniques• use of light-metering devices• use of electronic flash devices– a lighting diagram for at least two photographs showing the relative position of the camera; subject; main, fill, background and hair lights; background and props– a critique of the photographs. <p><i>Assessment Tool</i> <i>Portfolio Assessment, COM3040-1</i></p> <p><i>Standard</i> <i>Performance rating of 2 for each criteria</i></p>	80

COURSE COM3040: PHOTOGRAPHY 3 (continued)

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> demonstrate basic competencies. 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> a minimum of 50% on a teacher-designed concept test (approximately 20 questions) on incident and reflective hand-held meters, flash meters, concepts such as the “Inverse Square Law,” focal plane limitations, stop action, multiple exposures, fill lighting and different cameras and film formats presentation of project work to teachers/peers. <p><i>Assessment Tool</i> <i>Presentations/Reports, COM3040–2</i></p> <p><i>Standard</i> <i>Performance rating of 3 for each criteria</i></p> <ul style="list-style-type: none"> observations of individual effort and interpersonal interaction during the learning process. <p><i>Assessment Tool</i> <i>Basic Competencies Reference Guide and any assessment tools noted above</i></p>	<p>10</p> <p>10</p> <p>Integrated throughout</p>

Concept	Specific Outcomes	Notes
<p>Process and Procedures</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> describe various camera formats (e.g., 35 mm SLR, viewfinder, rangefinder) and their applications; e.g., photojournalism, portraiture, product advertising identify and describe various lighting sources (e.g., sunlight, tungsten, fluorescent, electronic flash), their characteristics and their effect on the photographed subject describe and apply the following concepts: Kelvin ratings, “Inverse Square Law,” incident/reflective light identify and describe different studio lighting arrangements; e.g., Rembrandt, Paramount apply studio knowledge in still and portrait photography demonstrate responsibility and ethical behaviour by working within school and community standards. 	<p>The “Inverse Square Law” is $I = \frac{1}{D^2}$, where I = Intensity of the light and D = Distance of the light source to the subject being photographed.</p>

COURSE COM3040: PHOTOGRAPHY 3 (continued)

Concept	Specific Outcomes	Notes
Applied Technologies	<p><i>The student should:</i></p> <ul style="list-style-type: none"> ● select and use light sources to achieve desired effects ● use built-in, hand and/or flash meters and gray cards to determine desired camera settings ● use flash lighting device(s) including: <ul style="list-style-type: none"> – flash synchronization –M and X – aperture calculations ● produce photographs using flash ● control and adjust lighting intensity ● process images. 	
Presentation	<ul style="list-style-type: none"> ● mount prints for presentation and display ● make changes where necessary ● present completed work for feedback; e.g., how well assignment met stated expectations, aesthetics, technical quality, meeting school and community standards ● create and present a portfolio consisting of samples of the student’s photographs. 	

