



EFFECTIVE: SEPTEMBER 2004 CURRICULUM GUIDELINES

A. Division: **INSTRUCTIONAL** Effective Date: **September 2004**

B. Department / Program Area: **LANGUAGE, LITERATURE AND PERFORMING ARTS** Revision: New Course

If Revision, Section(s) Revised: **C, J**

Date of Previous Revision: **May 2001**

Date of Current Revision: **September 2004**

C: **STGE 1112** D: **STAGE LIGHTING** E: **2**

| Subject & Course No. | Descriptive Title | Semester Credits |
|--|--|------------------|
| F: Calendar Description: Students will become familiar with industry standard working procedures for hanging, focusing and maintaining theatrical luminaries. Other topics will include light, colour, lenses, reflectors, lamps and basic electricity as they apply to lighting equipment for the stage. Students will also be required to attend and review 10 theatrical productions. Students should be physically able and not afraid of heights. | | |
| G: Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings: LECTURE 12 hrs. per semester LABORATORY 36 hrs. per semester Number of Contact Hours: (per week / semester for each descriptor) 48 hrs. per semester Number of Weeks per Semester: 15 | Course Prerequisites: Acceptance to Stagecraft Program or permission of the Stagecraft Program Coordinator. | |
| | I: Course Corequisites: NONE | |
| | J: Course for which this Course is a Prerequisite STGE 1212, STGE 2430 | |
| | K: Maximum Class Size: 25 | |
| L: PLEASE INDICATE: <input type="checkbox"/> Non-Credit <input type="checkbox"/> College Credit Non-Transfer <input checked="" type="checkbox"/> College Credit Transfer: Requested <input type="checkbox"/> Granted <input checked="" type="checkbox"/> SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca) | | |

- M:** Course Objectives / Learning Outcomes
Upon completion of the course the successful student should be able to:
1. Demonstrate safe working procedures and precautions when dealing with theatrical luminaires and related equipment;
 2. Demonstrate a working knowledge of theatrical luminaires including:
 - Basic lens and reflector characteristics
 - Theatrical light sources
 - Function and use of theatrical luminaires
 3. Demonstrate a working knowledge of the procedures and techniques for hanging and focusing of theatrical luminaires;
 4. Understand basic electrical theory and practices for the stage;
 5. Be familiar with the theatrical community within the GVRD.

- N:** Course Content:
1. Basic Theory of Optics
 - 1.1 Composition of light
 - 1.2 Reflection: spherical, ellipsoidal, parabolic
 - 1.3 Refraction: fresnel, stepped, plano-convex
 2. Light Sources
 - 2.1 Incandescent
 - 2.2 Tungsten – halogen
 - 2.3 Arc and discharge
 - 2.4 Other sources including fluorescent, laser, fiber optics, low voltage
 3. Equipment
 - 3.1 Lens and lensless luminaries
 - 3.2 Spots and floods: fresnel, projectors, floods and scoops, par and r, follow spots
 4. Hang and Focus
 - 4.1 The light plot and schedules
 - 4.2 Selection and preparation
 - 4.3 Circuitry and patch
 - 4.4 Trouble shooting and repair
 - 4.5 Focus
 5. Basic Electricity for the Stage
 - 5.1 Basic electrical theory
 - 5.2 Quantities and measurement
 - 5.3 Basic wiring and maintenance for luminaries and cable

O: Methods of Instruction

Students will receive 1 to 1 ½ hours of lecture/demonstration followed by 2 ½ hours of lab that includes independent work and one-on-one instruction.

P: Textbooks and Materials to be Purchased by Students

A list of recommended textbooks and materials is provided on the Instructor's Course Outline, which is available to students at the beginning of each semester.
Example: Gillette, Michael. Theatrical Design and Production. 3rd Ed. Toronto: Mayfield Publishing, 1997.

Q: Means of Assessment

| | |
|--------------------------------------|------|
| Lab Test | 30% |
| Written exam | 30% |
| 10 Reviews of theatrical productions | 40% |
| TOTAL | 100% |

R: Prior Learning Assessment and Recognition: specify whether course is open for PLAR

Yes

Course Designer(s)

Education Council / Curriculum Committee Representative

Dean / Director

Registrar