



**EFFECTIVE: SEPTEMBER 2009  
CURRICULUM GUIDELINES**

**A. Division: EDUCATION** Effective Date: **SEPTEMBER 2009**

**B. Department / PROGRAM AREA: LANGUAGE, LITERATURE AND PERFORMING ARTS/ STAGECRAFT** Revision  New Course

If Revision, Section(s) Revised: **A, F, J, M, P, Q**

Date of Previous Revision: **September 2004**

Date of Current Revision: **January 2009**

**C: STGE 1112**                      **D: Stage Lighting**                      **E: 2**

Subject & Course No.	Descriptive Title	Semester Credits
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<b>F:</b> 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 3 live events outside of normal classroom hours. Students should be physically able and capable of working at heights.													
<b>G:</b> Allocation of Contact Hours to Type of Instruction / Learning Settings  Primary Methods of Instructional Delivery and/or Learning Settings:  <b>LECTURE LABORATORY</b>  Number of Contact Hours: (per week / semester for each descriptor)  <b>LECTURE 12 hrs. per semester LABORATORY 36 hrs. per semester</b>  <b>48 hrs. per semester</b>  Number of Weeks per Semester:  <b>15</b>	<b>H:</b> Course Prerequisites:  <b>Acceptance to Stagecraft Program or permission of the Stagecraft Program Coordinator.</b>  <b>I:</b> Course Corequisites:  <b>None</b>  <b>J:</b> Course for which this Course is a Prerequisite:  <b>STGE 1212 and STGE 2400 and STGE 2200</b>  <b>K:</b> Maximum Class Size:  <b>25</b>												
<b>L: PLEASE INDICATE:</b>  <table border="0" style="width:100%"><tr><td style="width:15%"><input type="checkbox"/></td><td>Non-Credit</td><td colspan="2"></td></tr><tr><td><input type="checkbox"/></td><td>College Credit Non-Transfer</td><td colspan="2"></td></tr><tr><td><input checked="" type="checkbox"/></td><td>College Credit Transfer:</td><td>Requested <input type="checkbox"/></td><td>Granted <input checked="" type="checkbox"/></td></tr></table> <p>SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (<a href="http://www.bctransferguide.ca">www.bctransferguide.ca</a>)</p>		<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"/>
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**M: Course Objectives / Learning Outcomes:**

At the end 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

**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 to 3 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.

Attendance at various live theatrical productions will involve costs for transportation and admission. Ticket prices will vary but an average of 3 x \$20 = \$60 is typical.

**Q: Means of Assessment:**

Students are expected to be self-motivated and to demonstrate professionalism, which includes active participation, good attendance, punctuality, effective collaboration, and the ability to meet deadlines.

Professionalism: 5 indicators X 2%	10%
Practical Test	30%
Written Tests X 2	30%
Attend and review live performance: X 3	30%
Total	100%

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

Yes.

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Course Designer(s): Drew Young, Ross Nichol,  
Rob Hamilton

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Education Council / Curriculum Committee Representative

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Dean / Director: Dr. David G. Duke

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Acting Registrar: Brenda Walton