

EFFECTIVE: SEPTEMBER 2004 CURRICULUM GUIDELINES

| А. | Division: | INSTRUCTIONAL | Eff | ective Date: | | September 2004 | | |
|----|---|--|--|-------------------------------------|--------|------------------------|--|--|
| B. | Department / Program Area: | LANGUAGE, LITERATURE AND PERFORMING ARTS | Re | vision | X | New Course | | |
| | | | | Revision, Section(s) | | C, J | | |
| | | | | vised: te of Previous Revisio | n: | May 2001 | | |
| C: | STGE 1112 | D: STAGE LIG | | te of Current Revision | : | September 2004 E: 2 | | |
| C: | | | | | | | | |
| | Subject & Cour | • | | | | nester 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 | | | Course Prerequisites: | | | | |
| | Ū | | | Acceptance to Stagecraft Program or | | | | |
| | Primary Methods of Instructional Delivery and/or Learning Settings: | | permission of the Stagecraft Program Coordinator. | | | | | |
| | | | | | | | | |
| | LECTURE LABORATOR | 12 hrs. per semester Y 36 hrs. per semester | | | | | | |
| | | - | I: | Course Corequisites: | | | | |
| | Number of Cont for each descript | act Hours: (per week / semester or) | | NONE | | | | |
| | 48 hrs. per sem | ester | J: | Course for which this | s Cour | se is a Prerequisite | | |
| | Number of Weel | ks per Semester: | | STGE 1212, STGE | 2430 | | | |
| | 15 | | K: | Maximum Class Size | e: | | | |
| | | | | 25 | | | | |
| | | | | | | | | |
| L: | PLEASE INDIC | CATE: | | | | | | |
| | Non-Credi | t | | | | | | |
| | College Cr | edit Non-Transfer | | | | | | |
| | X College Cr | edit Transfer: | Re | equested | Grante | d X | | |
| | SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca) | | | | | | | |

| | I: Course Objectives / Learning Outcomes | | | | | |
|------|---|--|--|--|--|--|
| 141. | Upon completion of the course the successful student should be able to: | | | | | |
| | Demonstrate safe working procedures and precautions when dealing with theatrical luminain | | | | | |
| | | 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: | | | | |
| | | 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 | | | | |
| | т. | 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 | | | | |
| 0: | | | | | | |