



Douglas College

COURSE INFORMATION

A: Division: INSTRUCTIONAL

Date: SEPTEMBER 1998

B: Faculty: LANGUAGE, LITERATURE & PERFORMING
ARTS

New Course:

Revision of Course X
Information Form:

C: STGE 212 (old310)

D: STAGE LIGHTING

E: 2

Subject and Course Number	Descriptive Title	Semester Credit
F: Calendar Description: Students will become familiar with theatrical dimming, circuit and control systems. Industry standard practices for Head Electricians will be developed in laboratory sessions.		
Summary of Revisions: (date & section) C, D, F,G, H, J, N, O, P, Q, R.		
G: Type of instruction: Hrs per semester Lecture: 15 hrs Laboratory: hrs Seminar: hrs Clinical Experience: hrs Field Experience: hrs Practicum: hrs Shop: hrs Studio: 30 hrs Student Directed Learning: hrs Other (specify) hrs Total: 45 hrs	H: Course Prerequisites STGE 112	
	I: Course Corequisites	
	J: Course for which this Course is a Prerequisite STGE 312, STGE 430	
	K: Maximum Class Size: 25	
	M: Transfer Credit Requested	X
	Granted:	
L: College Credit Transfer X College Credit Non-Transfer Non-Credit	Specify Course Equivalents or Unassigned Credit as appropriate: UBC: SFU: U Vic: Other:	

Drew Young / Rob Hamilton
Course Designer(s)
L. McCallum
Faculty Dean

[Signature]
Vice-President
P. H. [Signature]
Registrar

N. Textbooks and Materials to be Purchased by Students:

Gillette, Michael. Theatrical Design And Production. 3rd. Ed. Toronto: Mayfield Publishing, 1997.

O. COURSE OBJECTIVES

Upon completion of the course, the student will:

1. demonstrate safe working procedures and precautions when using luminaires, dimmers, patch, and control systems;
2. learn and practice all procedures of a Head Electrician during a lighting hang;
3. learn and demonstrate the use of the Power Law to calculate loading of circuits for theatrical lighting;
4. become familiar with connection procedures for circuit cabling;
5. become familiar with the theatrical community within the GVRD.

P. COURSE CONTENT

Circuit distribution systems:

- dimmer per circuit
- hanging patch
- slider patch
- telephone patch
- electronic patch

Lighting paperwork:

- plot
- hook up
- instrument schedule
- cut sheets and photometrics

Hanging and cabling procedures for:

- electrics pipe with circuit strip
- electrics pipe with drop boxes
- electrics pipe with loose cables
- booms and shin busters

P. COURSE CONTENT-cont'd

Head Electrician duties for:

- lighting hang
- focus session
- cueing session
- rehearsals and run of show

Other topics:

- lighting for film/tv
- special effects and pyrotechnics
- gels, filters, and accessories
- technical packages for theaters

Q. METHOD OF INSTRUCTION

Students will receive 1- 1½ hours of lecture/demonstration followed by 2½-3 hours of lab that includes independent work and one on one instruction.

R. COURSE EVALUATION

Practical lab test	30%
Written exam	30%
10 reviews of theatrical productions	40%
<u>Total</u>	<u>100%</u>