



CURRICULUM GUIDELINES

A. Division: **INSTRUCTIONAL** Effective Date: **September 2003**

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

If Revision, Section(s) Revised: **G, M, P, R**

Date of Previous Revision: **January 11, 2000**

Date of Current Revision: **January 15, 2003**

C: **STGE 306** D: **SET CONSTRUCTION** E: **2**

Subject & Course No.	Descriptive Title	Semester Credits												
F: Calendar Description: This is an advanced course in scenic construction techniques and procedures. Students will be encouraged to formulate inventive and creative solutions to basic engineering and structural design problems. Students will continue the study of tools, materials and equipment common to the scene shop and stage, including rigging and electrics. Safe working procedures in both the construction and set up phase will be emphasized. Please note: The scene shop is a construction area. Students should be physically able. Safety footwear, eye and ear protection are mandatory.														
G: Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings: LECTURE 18 hrs. per semester SHOP 30 hrs. per semester Number of Contact Hours: (per week / semester for each descriptor) 48 hrs. per semester Number of Weeks per Semester: 15	H: Course Prerequisites: STGE 106, STGE 100													
	I: Course Corequisites: None													
	J: Course for which this Course is a Prerequisite STGE 430, STGE 405													
	K: Maximum Class Size: 25													
L: PLEASE INDICATE: <table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid black; width: 30px; text-align: center;"><input type="checkbox"/></td> <td style="padding-left: 10px;">Non-Credit</td> <td></td> <td></td> </tr> <tr> <td style="border: 1px solid black; width: 30px; text-align: center;"><input type="checkbox"/></td> <td style="padding-left: 10px;">College Credit Non-Transfer</td> <td></td> <td></td> </tr> <tr> <td style="border: 1px solid black; width: 30px; text-align: center;"><input checked="" type="checkbox"/></td> <td style="padding-left: 10px;">College Credit Transfer:</td> <td style="padding-left: 20px;">Requested <input type="checkbox"/></td> <td style="padding-left: 20px;">Granted <input checked="" type="checkbox"/></td> </tr> </table> <p style="text-align: center; margin-top: 5px;">SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)</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

Upon completion of the course, the successful student should be able to:

1. Learn and demonstrate safe working procedures when using equipment, tools and materials common to scene construction.
2. Learn the use of a variety of construction materials and demonstrate the theatrical construction techniques by which they are used.
3. Develop creative problem solving skills through use of advanced construction techniques materials.

N: Course Content:

Drafting:

- working drawings
- design

Rigging:

- forces on rigging
- load calculations
- natural, synthetic and wire rope
- knots
- flying techniques, block and fall, counter-weight system

Metal work:

- materials, pipe, channel
- welding basics, gas and electric

Structural design:

- 2D and 3D scenery
- deck design, load calculations and construction
- staircases, trusses and beams, turntables and wagons

O: Methods of Instruction

Students will receive 1 to 1 ½ hours of lecture/demonstration followed by 2 ½ to 3 hours of shop per week 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
 Carter, Paul. *Backstage Handbook*. 3rd ed., Shelter Island: Broadway Press, 1994
 CSA Grade 1 Green Triangle Safety Footwear.

Q: Means of Assessment

Drafting and problem solving in deck design and rigging	45%
Final project that combines the elements of instruction	25%
Written exam	<u>30%</u>
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