



**M:** Course Objectives / Learning Outcomes  
 Upon completion of the course, the successful student should be able to:

1. Demonstrate safe working practices and procedures when dealing with tools, materials, and machinery common to scene construction.
2. Develop and demonstrate skills in:
  - construction techniques
  - basic engineering
  - development and interpretation of shop plans
  - cost estimation
3. Describe the “theatrical space” and its various forms and design.

**N:** Course Content:

1. The Performance Space: function vs. aesthetics
  - sight lines
  - seating plans
  - the proscenium arch
  - thrust and apron stage
  - arena stage
  - other forms
2. Stage Equipment
  - the counterweight system
  - the pin and rail
  - rigging
  - curtains, tabs, toms, teaser, borders
  - electric
3. The Scene Shop: tools and materials
4. Construction Procedures: jointing
  - covering
  - scenic units -two dimensional -three dimensional
  - weight bearing units
  - glues and adhesives
5. Safety Procedures
  - safe work habits
  - safe working environment
  - fire extinguishers and alarms
  - safety switches
6. Basic Engineering
  - read and interpret plans
  - cost estimation
  - calculate construction requirements for floors, platforms, ramps, stairs under various loads
  - calculate safe working loads for the counterweight system

**O:** Methods of Instruction  
 Students will receive 1 to 1 ½ hours of lecture/demonstration followed by 2 ½ to 3 hours of shop 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*. 3<sup>rd</sup> Ed. Toronto: Mayfield Publishing Co., 1997.

Carter, Paul. *Backstage Handbook*. 3<sup>rd</sup> Ed. Shelter Island: Broadway Press, 1994

CSA Grade 1, Green Triangle Safety Footwear.

**Q:** Means of Assessment

Drafting/construction projects x8	50%
Written tests x3	15%
Practical tests x3	<u>35%</u>
TOTAL	100%

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

Yes

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Course Designer(s)

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Education Council / Curriculum Committee Representative

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Dean / Director

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Registrar