

**Catalogue Code: ARCH 447**

**Course Title: Electrical Services - Lighting**

Department: Architecture

Term: Fall 2007

Instructor: Conor Sampson  
Teaching Assistant: Welland Sin

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Location: Room 212, Thursday 10:30-12:30

Office hours: By appointment

Credits: 2

Prerequisites: none

Date: September 6, 2007

### **Assignment:**

In an effort to supplement the factual underpinning of the course lectures and to help make the connection between the tools of lighting and your studio design projects, we would like you to spend some time considering lighting installations in the city.

These installations may be successful, or objectionable, but must be worth discussion in terms of aesthetics, energy efficiency, novelty or ingenuity. Decide what the intention of the designer is for your installation and base your critique upon whether you think their goal has been achieved. Your discussion may touch upon the following:

- What sort of light source is used? What sort of light distribution is used (eg: flood, linear...)?
- Is the installation appropriate for the architecture it illuminates?
- How could this installation be improved? How is the installation detailed?
- Can you see any drawbacks to this installation, in terms of focusing, lamping, shadow patterns, etc...?
- Is the colour and intensity in keeping with the design intention?
- If this is a natural light control strategy, observe the space at different times of day. Are there any problems with glare? How is light filtered/blocked? How deep does light penetrate the space?

We would like you to photograph your installations in digital format and email the images to welland.sin@gmail.com by Monday, October 15<sup>th</sup>, before our Thursday class. You should have a maximum of five (5) photos of a minimum of three (3) installations. **Please save images in jpg format, max size of 75K.**

Seven random people will briefly present their images via projection in Room 212 on October 18th. Please bring your images either burned on a CD or on a key as a backup.

This assignment will be worth 10% of your total grade for the semester.

NOTE: The McGill campus has been photographed to death. Please go a little further afield. Possible hunting grounds include: the old port, Quartier des Spectacles, UQAM and UofM.